

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038183.D
 Acq On : 09 Oct 2023 19:38
 Operator : JC/MD
 Sample : 04810-08MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-658-660MSD

Quant Time: Oct 10 01:02:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2023
 Supervised By : Mahesh Dadoda 10/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	134188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225887	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104985	48.642	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.280%		
35) Dibromofluoromethane	5.385	113	81249	49.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.840%		
50) Toluene-d8	8.647	98	308284	49.566	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.140%		
62) 4-Bromofluorobenzene	11.079	95	122509	51.956	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67211	51.890	ug/l	97
3) Chloromethane	1.300	50	64985	49.226	ug/l	99
4) Vinyl Chloride	1.374	62	72962	49.848	ug/l	96
5) Bromomethane	1.599	94	109119	56.880	ug/l	99
6) Chloroethane	1.685	64	57746	53.583	ug/l	99
7) Trichlorofluoromethane	1.886	101	148780	51.461	ug/l	100
8) Diethyl Ether	2.130	74	54319	50.377	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	62453	49.482	ug/l	99
10) Methyl Iodide	2.453	142	87032	47.925	ug/l	96
11) Tert butyl alcohol	2.959	59	106599	222.521	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	61550	50.134	ug/l	87
13) Acrolein	2.233	56	93875	305.952	ug/l	99
14) Allyl chloride	2.666	41	104223	47.461	ug/l	94
15) Acrylonitrile	3.062	53	244827	249.261	ug/l	100
16) Acetone	2.380	43	202423	224.721	ug/l	92
17) Carbon Disulfide	2.514	76	159751	45.147	ug/l	100
18) Methyl Acetate	2.703	43	182421	47.224	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	242773	49.651	ug/l	100
20) Methylene Chloride	2.788	84	77623	45.813	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	73598	48.417	ug/l	89
22) Diisopropyl ether	3.757	45	226698	49.257	ug/l	97
23) Vinyl Acetate	3.721	43	796319	235.937	ug/l	96
24) 1,1-Dichloroethane	3.611	63	136095	48.726	ug/l	98
25) 2-Butanone	4.550	43	354183	243.696	ug/l	93
26) 2,2-Dichloropropane	4.477	77	94202	43.198	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	87954	48.583	ug/l	92
28) Bromochloromethane	4.897	49	54532	43.249	ug/l	89
29) Tetrahydrofuran	5.001	42	228253	241.221	ug/l	89
30) Chloroform	5.092	83	155080	50.774	ug/l	95
31) Cyclohexane	5.470	56	111229	47.566	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	131588	50.299	ug/l	100
36) 1,1-Dichloropropene	5.690	75	107997	48.116	ug/l	97
37) Ethyl Acetate	4.715	43	125466	47.067	ug/l	98
38) Carbon Tetrachloride	5.678	117	112347	50.881	ug/l	97
39) Methylcyclohexane	7.379	83	123279	46.891	ug/l	95
40) Benzene	6.037	78	316997	50.495	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038183.D
 Acq On : 09 Oct 2023 19:38
 Operator : JC/MD
 Sample : 04810-08MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-658-660MSD

Quant Time: Oct 10 01:02:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2023
 Supervised By : Mahesh Dadoda 10/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	67533	50.927	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	124567	49.664	ug/l	99
43) Isopropyl Acetate	6.336	43	194695	48.926	ug/l	97
44) Trichloroethene	7.123	130	82419	50.195	ug/l	96
45) 1,2-Dichloropropane	7.427	63	82125	50.545	ug/l	100
46) Dibromomethane	7.580	93	63633	50.495	ug/l	98
47) Bromodichloromethane	7.824	83	118988	53.077	ug/l	99
48) Methyl methacrylate	7.690	41	96027	50.548	ug/l #	85
49) 1,4-Dioxane	7.659	88	45363	969.031	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	709470	258.475	ug/l	97
52) Toluene	8.720	92	208884	51.080	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	124432	51.710	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	125714	49.724	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	89563	51.204	ug/l	92
56) Ethyl methacrylate	9.116	69	138857	51.777	ug/l	93
57) 1,3-Dichloropropane	9.311	76	146384	51.744	ug/l	98
59) 2-Hexanone	9.427	43	576739	261.366	ug/l	96
60) Dibromochloromethane	9.519	129	93196	54.440	ug/l	99
61) 1,2-Dibromoethane	9.610	107	99544	52.626	ug/l	99
64) Tetrachloroethene	9.275	164	68808	46.701	ug/l	98
65) Chlorobenzene	10.079	112	231552	48.620	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	84929	52.736	ug/l	99
67) Ethyl Benzene	10.195	91	421786	49.616	ug/l	99
68) m/p-Xylenes	10.299	106	323097	98.295	ug/l	100
69) o-Xylene	10.640	106	157550	49.110	ug/l	100
70) Styrene	10.652	104	261910	50.131	ug/l	97
71) Bromoform	10.799	173	71970	48.278	ug/l #	99
73) Isopropylbenzene	10.963	105	420241	50.233	ug/l	99
74) N-amyl acetate	10.841	43	177194	49.599	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	161363	52.565	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	147199m	51.904	ug/l	
77) Bromobenzene	11.195	156	102730	50.297	ug/l	92
78) n-propylbenzene	11.305	91	507957	49.657	ug/l	100
79) 2-Chlorotoluene	11.366	91	295894	48.775	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	363408	50.350	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	42998	44.734	ug/l	94
82) 4-Chlorotoluene	11.451	91	350322	48.800	ug/l	98
83) tert-Butylbenzene	11.713	119	352171	49.936	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	368152	51.158	ug/l	100
85) sec-Butylbenzene	11.890	105	458078	50.141	ug/l	100
86) p-Isopropyltoluene	12.006	119	377701	50.110	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	199650	48.667	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	200718	47.924	ug/l	98
89) n-Butylbenzene	12.335	91	358125	47.708	ug/l	96
90) Hexachloroethane	12.536	117	66811	53.461	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	193700	49.121	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38810	52.289	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	120449	45.541	ug/l	97
94) Hexachlorobutadiene	13.725	225	49107	46.131	ug/l	98
95) Naphthalene	13.774	128	432470	46.953	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	118731	46.363	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
Data File : VX038183.D
Acq On : 09 Oct 2023 19:38
Operator : JC/MD
Sample : 04810-08MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-658-660MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

Quant Time: Oct 10 01:02:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
Data File : VX038183.D
Acq On : 09 Oct 2023 19:38
Operator : JC/MD
Sample : 04810-08MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-658-660MSD

Quant Time: Oct 10 01:02:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

