

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031676.D
 Acq On : 27 Sep 2022 02:44
 Operator : JC/MD
 Sample : N4791-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-503-505MSD

Quant Time: Sep 27 04:41:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	68831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	108765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74362	50.902	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.800%			
35) Dibromofluoromethane	5.385	113	65265	50.360	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.720%			
50) Toluene-d8	8.647	98	232994	49.590	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.180%			
62) 4-Bromofluorobenzene	11.079	95	90030	52.281	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36470	43.537	ug/l	97
3) Chloromethane	1.288	50	39565	53.734	ug/l	100
4) Vinyl Chloride	1.374	62	51618	44.775	ug/l	99
5) Bromomethane	1.611	94	60298	59.410	ug/l	99
6) Chloroethane	1.685	64	57100	41.425	ug/l	97
7) Trichlorofluoromethane	1.886	101	123859	43.663	ug/l	98
8) Diethyl Ether	2.130	74	40417	49.971	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	41357	45.201	ug/l	94
10) Methyl Iodide	2.453	142	50387	56.184	ug/l	99
11) Tert butyl alcohol	2.989	59	38336	198.301	ug/l	99
12) 1,1-Dichloroethene	2.319	96	38015	54.345	ug/l	88
13) Acrolein	2.239	56	21487	245.745	ug/l	99
14) Allyl chloride	2.666	41	57267	47.572	ug/l	90
15) Acrylonitrile	3.068	53	118257	233.247	ug/l	99
16) Acetone	2.386	43	89913	267.116	ug/l	98
17) Carbon Disulfide	2.514	76	76642	49.961	ug/l	100
18) Methyl Acetate	2.703	43	56410	42.970	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	167540	51.563	ug/l	100
20) Methylene Chloride	2.788	84	49254	53.432	ug/l	84
21) trans-1,2-Dichloroethene	3.093	96	50729	50.153	ug/l	91
22) Diisopropyl ether	3.763	45	151228	48.812	ug/l #	93
23) Vinyl Acetate	3.721	43	559507	228.349	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	91208	51.064	ug/l	98
25) 2-Butanone	4.562	43	158473	227.262	ug/l	91
26) 2,2-Dichloropropane	4.477	77	60952	42.044	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	63296	51.095	ug/l	86
28) Bromochloromethane	4.897	49	41252	49.371	ug/l #	73
29) Tetrahydrofuran	5.007	42	103050	235.246	ug/l #	86
30) Chloroform	5.092	83	112274	51.096	ug/l	97
31) Cyclohexane	5.477	56	69839	50.279	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	98912	54.350	ug/l	98
36) 1,1-Dichloropropene	5.696	75	71778	48.228	ug/l	98
37) Ethyl Acetate	4.714	43	62331	41.521	ug/l	96
38) Carbon Tetrachloride	5.678	117	85274	50.840	ug/l	96
39) Methylcyclohexane	7.379	83	78616	46.361	ug/l	93
40) Benzene	6.037	78	220167	48.165	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031676.D
 Acq On : 27 Sep 2022 02:44
 Operator : JC/MD
 Sample : N4791-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-503-505MSD

Quant Time: Sep 27 04:41:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35387	46.326	ug/l	90
42) 1,2-Dichloroethane	6.086	62	86294	48.813	ug/l	98
43) Isopropyl Acetate	6.342	43	106385	45.026	ug/l #	94
44) Trichloroethene	7.129	130	63926	49.512	ug/l	90
45) 1,2-Dichloropropane	7.427	63	53649	48.359	ug/l	92
46) Dibromomethane	7.580	93	43416	48.731	ug/l	92
47) Bromodichloromethane	7.824	83	84333	52.455	ug/l	96
48) Methyl methacrylate	7.696	41	51993	50.037	ug/l	88
49) 1,4-Dioxane	7.690	88	23365	921.007	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	350047	234.061	ug/l	95
52) Toluene	8.720	92	153904	50.510	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	83438	45.127	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	85058	50.909	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	64593	49.237	ug/l	98
56) Ethyl methacrylate	9.116	69	88793	52.902	ug/l	89
57) 1,3-Dichloropropane	9.311	76	103297	49.720	ug/l	99
59) 2-Hexanone	9.433	43	257397	230.677	ug/l	93
60) Dibromochloromethane	9.518	129	71503	46.783	ug/l	100
61) 1,2-Dibromoethane	9.610	107	69756	52.382	ug/l	97
64) Tetrachloroethene	9.275	164	62660	47.305	ug/l	97
65) Chlorobenzene	10.079	112	170560	49.402	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	66989	53.926	ug/l	98
67) Ethyl Benzene	10.195	91	295073	50.241	ug/l	100
68) m/p-Xylenes	10.305	106	242749	102.869	ug/l	97
69) o-Xylene	10.640	106	120790	52.368	ug/l	96
70) Styrene	10.659	104	187963	50.063	ug/l	98
71) Bromoform	10.799	173	49499	46.531	ug/l #	100
73) Isopropylbenzene	10.963	105	315616	51.577	ug/l	100
74) N-amyl acetate	10.841	43	92699	46.700	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	96974	49.874	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85989m	50.127	ug/l	
77) Bromobenzene	11.201	156	77936	50.099	ug/l	92
78) n-propylbenzene	11.305	91	353751	51.949	ug/l	98
79) 2-Chlorotoluene	11.366	91	213956	50.882	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	268608	51.782	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22874	45.647	ug/l	92
82) 4-Chlorotoluene	11.457	91	249737	51.408	ug/l	98
83) tert-Butylbenzene	11.713	119	270450	54.065	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	272067	52.987	ug/l	98
85) sec-Butylbenzene	11.890	105	328021	51.598	ug/l	100
86) p-Isopropyltoluene	12.012	119	284557	51.906	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	150522	49.911	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	156810	49.674	ug/l	98
89) n-Butylbenzene	12.335	91	220996	49.347	ug/l	99
90) Hexachloroethane	12.542	117	46356	52.732	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	153337	50.771	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20005	51.345	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	82576	46.755	ug/l	97
94) Hexachlorobutadiene	13.725	225	31386	45.573	ug/l	99
95) Naphthalene	13.780	128	309083	52.392	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	85159	46.982	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
Data File : VX031676.D
Acq On : 27 Sep 2022 02:44
Operator : JC/MD
Sample : N4791-04MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-503-505MSD

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 27 04:41:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
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\VX092622\
 Data File : VX031676.D
 Acq On : 27 Sep 2022 02:44
 Operator : JC/MD
 Sample : N4791-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-503-505MSD

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 27 04:41:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

