

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038257.D
 Acq On : 12 Oct 2023 15:26
 Operator : JC/MD
 Sample : 04699-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Oct 13 06:42:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 06:37:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/13/2023
 Supervised By : Mahesh Dadoda 10/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	118240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95676	50.308	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.620%			
35) Dibromofluoromethane	5.385	113	73960	50.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.740%			
50) Toluene-d8	8.647	98	280931	50.561	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.120%			
62) 4-Bromofluorobenzene	11.079	95	103982	49.364	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6301	5.521	ug/l	99
3) Chloromethane	1.301	50	6357	5.465	ug/l	98
4) Vinyl Chloride	1.374	62	7897	6.123	ug/l	99
5) Bromomethane	1.599	94	12812	7.277	ug/l	95
6) Chloroethane	1.678	64	6550	5.726	ug/l	91
7) Trichlorofluoromethane	1.886	101	15934	6.255	ug/l	93
8) Diethyl Ether	2.130	74	5737	6.038	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	6711	6.034	ug/l	98
10) Methyl Iodide	2.453	142	8327	5.204	ug/l	96
11) Tert butyl alcohol	2.953	59	13024	28.122	ug/l	98
12) 1,1-Dichloroethene	2.313	96	6294	5.818	ug/l	83
13) Acrolein	2.239	56	7112	26.305	ug/l	99
14) Allyl chloride	2.660	41	9522	4.921	ug/l	88
15) Acrylonitrile	3.068	53	23227	26.837	ug/l	100
16) Acetone	2.380	43	25638	32.301	ug/l	97
17) Carbon Disulfide	2.514	76	14275	4.578	ug/l	96
18) Methyl Acetate	2.703	43	18854	5.539	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	22223	5.158	ug/l	96
20) Methylene Chloride	2.788	84	8177	5.477	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	7195	5.372	ug/l	88
22) Diisopropyl ether	3.763	45	20446	5.042	ug/l #	92
23) Vinyl Acetate	3.727	43	69592	23.400	ug/l	97
24) 1,1-Dichloroethane	3.611	63	13332	5.417	ug/l	97
25) 2-Butanone	4.562	43	35093	27.403	ug/l	97
26) 2,2-Dichloropropane	4.477	77	9346	4.864	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	8644	5.419	ug/l	90
28) Bromochloromethane	4.891	49	6239	5.616	ug/l #	92
29) Tetrahydrofuran	5.013	42	21258	25.496	ug/l	93
30) Chloroform	5.099	83	14702	5.463	ug/l	99
31) Cyclohexane	5.470	56	10877	5.279	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	11514	4.995	ug/l	95
36) 1,1-Dichloropropene	5.690	75	10902	5.437	ug/l	95
37) Ethyl Acetate	4.727	43	12788	5.370	ug/l	98
38) Carbon Tetrachloride	5.678	117	10268	5.206	ug/l	88
39) Methylcyclohexane	7.379	83	11580	4.931	ug/l	91
40) Benzene	6.037	78	31220	5.567	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038257.D
 Acq On : 12 Oct 2023 15:26
 Operator : JC/MD
 Sample : 04699-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Oct 13 06:42:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 06:37:36 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	5494	4.638	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	12514	5.585	ug/l	99
43) Isopropyl Acetate	6.342	43	17016	4.787	ug/l	98
44) Trichloroethene	7.129	130	8188	5.582	ug/l	97
45) 1,2-Dichloropropane	7.434	63	7648	5.269	ug/l	99
46) Dibromomethane	7.580	93	6064	5.387	ug/l	98
47) Bromodichloromethane	7.824	83	9801	4.894	ug/l	93
48) Methyl methacrylate	7.696	41	8429	4.967	ug/l	88
49) 1,4-Dioxane	7.665	88	4219	100.886	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	63190	25.770	ug/l	98
52) Toluene	8.720	92	20456	5.599	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	9103	4.235	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	10383	4.597	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	8637	5.527	ug/l	93
56) Ethyl methacrylate	9.116	69	11125	4.644	ug/l	96
57) 1,3-Dichloropropane	9.311	76	13392	5.299	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	25838	21.971	ug/l	98
59) 2-Hexanone	9.433	43	52513	26.639	ug/l	99
60) Dibromochloromethane	9.519	129	6955	4.548	ug/l	99
61) 1,2-Dibromoethane	9.610	107	8939	5.290	ug/l	95
64) Tetrachloroethene	9.275	164	7052	5.347	ug/l	90
65) Chlorobenzene	10.079	112	22620	5.306	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	6928	4.806	ug/l	99
67) Ethyl Benzene	10.195	91	38576	5.070	ug/l	98
68) m/p-Xylenes	10.305	106	29324	9.967	ug/l	98
69) o-Xylene	10.640	106	14091	4.907	ug/l	100
70) Styrene	10.659	104	22400	4.790	ug/l	98
71) Bromoform	10.799	173	5145	4.332	ug/l #	96
73) Isopropylbenzene	10.963	105	37111	5.108	ug/l	99
74) N-amyl acetate	10.841	43	13111	4.226	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	14286	5.359	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	12409m	5.038	ug/l	
77) Bromobenzene	11.201	156	9287	5.236	ug/l	94
78) n-propylbenzene	11.305	91	45097	5.076	ug/l	100
79) 2-Chlorotoluene	11.366	91	27821	5.281	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	31407	5.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2569	3.330	ug/l #	83
82) 4-Chlorotoluene	11.457	91	31242	5.011	ug/l	97
83) tert-Butylbenzene	11.713	119	29880	4.878	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	31377	5.021	ug/l	99
85) sec-Butylbenzene	11.890	105	39734	5.008	ug/l	98
86) p-Isopropyltoluene	12.012	119	32352	4.942	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	18536	5.203	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	19257	5.294	ug/l	95
89) n-Butylbenzene	12.335	91	31849	4.885	ug/l	96
90) Hexachloroethane	12.536	117	4675	4.307	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	18023	5.263	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2772	4.300	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	11666	5.079	ug/l	96
94) Hexachlorobutadiene	13.725	225	4849	5.245	ug/l	98
95) Naphthalene	13.774	128	36822	4.603	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	11397	5.124	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
Data File : VX038257.D
Acq On : 12 Oct 2023 15:26
Operator : JC/MD
Sample : 04699-08 5.0PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

Quant Time: Oct 13 06:42:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 06:37:36 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\VX101223\
Data File : VX038257.D
Acq On : 12 Oct 2023 15:26
Operator : JC/MD
Sample : 04699-08 5.0PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Quant Time: Oct 13 06:42:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 06:37:36 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

