

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038254.D
 Acq On : 12 Oct 2023 14:15
 Operator : JC/MD
 Sample : 04699-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Quant Time: Oct 13 06:40:24 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	120755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97631	50.266	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.540%			
35) Dibromofluoromethane	5.385	113	74580	50.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.180%			
50) Toluene-d8	8.647	98	273074	48.000	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.000%			
62) 4-Bromofluorobenzene	11.079	95	99528	46.146	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	897	0.770	ug/l	95
3) Chloromethane	1.301	50	990	0.833	ug/l	99
4) Vinyl Chloride	1.374	62	1247	0.947	ug/l	94
5) Bromomethane	1.611	94	1306	0.726	ug/l	92
6) Chloroethane	1.691	64	1101	0.942	ug/l	94
7) Trichlorofluoromethane	1.892	101	2381	0.915	ug/l	87
8) Diethyl Ether	2.136	74	862	0.888	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	1000	0.880	ug/l	86
10) Methyl Iodide	2.453	142	1127	0.690	ug/l #	93
11) Tert butyl alcohol	2.947	59	2534	5.358	ug/l #	90
12) 1,1-Dichloroethene	2.325	96	912	0.825	ug/l	84
13) Acrolein	2.233	56	995	3.604	ug/l	85
14) Allyl chloride	2.666	41	1334	0.675	ug/l	92
15) Acrylonitrile	3.068	53	3492	3.951	ug/l	91
16) Acetone	2.380	43	3619	4.465	ug/l	96
17) Carbon Disulfide	2.508	76	2421	0.760	ug/l	98
18) Methyl Acetate	2.709	43	2758	0.793	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	2869	0.652	ug/l	96
20) Methylene Chloride	2.794	84	1379	0.904	ug/l #	78
21) trans-1,2-Dichloroethene	3.099	96	1057	0.773	ug/l #	81
22) Diisopropyl ether	3.764	45	2722	0.657	ug/l #	80
23) Vinyl Acetate	3.733	43	8539	2.811	ug/l	95
24) 1,1-Dichloroethane	3.611	63	1784	0.710	ug/l #	86
25) 2-Butanone	4.568	43	4892	3.740	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	1341	0.683	ug/l #	75
27) cis-1,2-Dichloroethene	4.495	96	1295	0.795	ug/l	85
28) Bromochloromethane	4.904	49	912	0.804	ug/l #	69
29) Tetrahydrofuran	5.019	42	2998	3.521	ug/l	96
30) Chloroform	5.093	83	2174	0.791	ug/l	86
31) Cyclohexane	5.477	56	1486	0.706	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	1619	0.688	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	1515	0.738	ug/l	90
37) Ethyl Acetate	4.721	43	2039	0.836	ug/l #	70
38) Carbon Tetrachloride	5.690	117	1633	0.809	ug/l #	74
39) Methylcyclohexane	7.385	83	1851	0.770	ug/l #	84
40) Benzene	6.037	78	4307	0.750	ug/l #	84

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038254.D
 Acq On : 12 Oct 2023 14:15
 Operator : JC/MD
 Sample : 04699-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Quant Time: Oct 13 06:40:24 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	4.934	41	733m	0.604	ug/l	
42) 1,2-Dichloroethane	6.098	62	1957	0.853	ug/l	89
43) Isopropyl Acetate	6.342	43	2323	0.638	ug/l #	67
44) Trichloroethene	7.135	130	1259	0.838	ug/l	95
45) 1,2-Dichloropropane	7.434	63	1099	0.739	ug/l #	70
46) Dibromomethane	7.592	93	908	0.788	ug/l	98
47) Bromodichloromethane	7.830	83	1520	0.741	ug/l	99
48) Methyl methacrylate	7.714	41	1114	0.641	ug/l #	84
49) 1,4-Dioxane	7.671	88	588	13.732	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	7791	3.103	ug/l	98
52) Toluene	8.720	92	2893	0.773	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	1172	0.532	ug/l #	81
54) cis-1,3-Dichloropropene	8.372	75	1458	0.630	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	1112	0.695	ug/l	95
56) Ethyl methacrylate	9.128	69	1359	0.554	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	1933	0.747	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.244	63	3983	3.308	ug/l	96
59) 2-Hexanone	9.433	43	6326	3.134	ug/l	95
60) Dibromochloromethane	9.519	129	922	0.589	ug/l	98
61) 1,2-Dibromoethane	9.616	107	1180	0.682	ug/l	96
64) Tetrachloroethene	9.275	164	1175	0.916	ug/l #	81
65) Chlorobenzene	10.079	112	3210	0.774	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	1053	0.751	ug/l #	63
67) Ethyl Benzene	10.201	91	5254	0.710	ug/l #	88
68) m/p-Xylenes	10.305	106	3972	1.387	ug/l	97
69) o-Xylene	10.640	106	1652	0.591	ug/l	88
70) Styrene	10.659	104	2708	0.595	ug/l	93
71) Bromoform	10.799	173	630	0.545	ug/l #	93
73) Isopropylbenzene	10.963	105	5122	0.756	ug/l	97
74) N-amyl acetate	10.848	43	1615	0.558	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	1906	0.766	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	1665m	0.725	ug/l	
77) Bromobenzene	11.201	156	1326	0.801	ug/l	91
78) n-propylbenzene	11.305	91	6218	0.750	ug/l	99
79) 2-Chlorotoluene	11.366	91	3753	0.763	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4007	0.685	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	284m	0.395	ug/l	
82) 4-Chlorotoluene	11.457	91	4079	0.701	ug/l	96
83) tert-Butylbenzene	11.713	119	4060	0.710	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	3812	0.654	ug/l	98
85) sec-Butylbenzene	11.890	105	5116	0.691	ug/l	97
86) p-Isopropyltoluene	12.012	119	4287	0.702	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	2578	0.776	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	2909m	0.857	ug/l	
89) n-Butylbenzene	12.335	91	4047	0.665	ug/l	92
90) Hexachloroethane	12.536	117	583	0.576	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	2276	0.712	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	298	0.495	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	1559	0.727	ug/l	98
94) Hexachlorobutadiene	13.725	225	715	0.829	ug/l	95
95) Naphthalene	13.780	128	4460	0.598	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1598	0.770	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
Data File : VX038254.D
Acq On : 12 Oct 2023 14:15
Operator : JC/MD
Sample : 04699-07 0.75PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 13 06:40:24 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

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

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)
----------	------	------	----------	------	-------	----------

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

