

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038211.D
 Acq On : 10 Oct 2023 19:01
 Operator : JC/MD
 Sample : 04782-13MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-5-10-13MS

Quant Time: Oct 11 01:42:11 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 10/11/2023
 Supervised By : Mahesh Dadoda 10/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	124661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100379	50.062	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.120%			
35) Dibromofluoromethane	5.385	113	78381	51.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.240%			
50) Toluene-d8	8.647	98	299896	51.186	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.380%			
62) 4-Bromofluorobenzene	11.079	95	117776	53.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60853	50.572	ug/l	99
3) Chloromethane	1.300	50	57751	47.089	ug/l	96
4) Vinyl Chloride	1.374	62	67309	49.500	ug/l	98
5) Bromomethane	1.599	94	106886	60.021	ug/l	99
6) Chloroethane	1.678	64	54570	54.419	ug/l	98
7) Trichlorofluoromethane	1.886	101	143458	53.412	ug/l	100
8) Diethyl Ether	2.130	74	52177	52.089	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	58007	49.472	ug/l	96
10) Methyl Iodide	2.453	142	80326	47.613	ug/l	96
11) Tert butyl alcohol	2.959	59	92343	206.710	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	56212	49.285	ug/l	82
13) Acrolein	2.233	56	85732	300.766	ug/l	100
14) Allyl chloride	2.660	41	92992	45.583	ug/l	93
15) Acrylonitrile	3.062	53	219844	240.931	ug/l	99
16) Acetone	2.380	43	180296	215.453	ug/l	92
17) Carbon Disulfide	2.514	76	140435	42.721	ug/l	99
18) Methyl Acetate	2.703	43	166270	46.333	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	218855	48.180	ug/l	100
20) Methylene Chloride	2.788	84	72234	45.890	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	66992	47.439	ug/l	88
22) Diisopropyl ether	3.757	45	209265	48.944	ug/l	97
23) Vinyl Acetate	3.721	43	738932	235.665	ug/l	95
24) 1,1-Dichloroethane	3.605	63	125207	48.253	ug/l	100
25) 2-Butanone	4.550	43	324140	240.069	ug/l	94
26) 2,2-Dichloropropane	4.477	77	83218	41.078	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	83764	49.805	ug/l	89
28) Bromochloromethane	4.897	49	62373	53.248	ug/l	87
29) Tetrahydrofuran	5.001	42	212553	241.796	ug/l	90
30) Chloroform	5.092	83	151394	53.355	ug/l	98
31) Cyclohexane	5.470	56	102500	47.183	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	122178	50.271	ug/l	99
36) 1,1-Dichloropropene	5.690	75	100953	47.747	ug/l	98
37) Ethyl Acetate	4.708	43	118404	47.153	ug/l	98
38) Carbon Tetrachloride	5.678	117	104867	50.418	ug/l	99
39) Methylcyclohexane	7.379	83	118081	47.679	ug/l	94
40) Benzene	6.037	78	293890	49.696	ug/l	100

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41) Methacrylonitrile	4.916	41	62164	49.764	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	118301	50.070	ug/l	99
43) Isopropyl Acetate	6.342	43	180374	48.118	ug/l	97
44) Trichloroethene	7.123	130	77908	50.369	ug/l	99
45) 1,2-Dichloropropane	7.427	63	75622	49.408	ug/l	97
46) Dibromomethane	7.580	93	60536	50.995	ug/l	98
47) Bromodichloromethane	7.824	83	111852	52.966	ug/l	96
48) Methyl methacrylate	7.690	41	89675	50.111	ug/l #	84
49) 1,4-Dioxane	7.659	88	40869	926.783	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	672381	260.045	ug/l	97
52) Toluene	8.720	92	197499	51.269	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	115731	51.055	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	118900	49.925	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	85729	52.029	ug/l	95
56) Ethyl methacrylate	9.116	69	128034	50.681	ug/l	93
57) 1,3-Dichloropropane	9.305	76	138381	51.926	ug/l	99
59) 2-Hexanone	9.427	43	547117	263.207	ug/l	96
60) Dibromochloromethane	9.518	129	89684	55.614	ug/l	99
61) 1,2-Dibromoethane	9.610	107	94274	52.909	ug/l	100
64) Tetrachloroethene	9.275	164	64994	46.028	ug/l	98
65) Chlorobenzene	10.079	112	217464	47.644	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	79783	51.692	ug/l	98
67) Ethyl Benzene	10.195	91	394425	48.412	ug/l	99
68) m/p-Xylenes	10.299	106	304334	96.606	ug/l	100
69) o-Xylene	10.640	106	147993	48.133	ug/l	98
70) Styrene	10.659	104	251223	50.173	ug/l	98
71) Bromoform	10.799	173	67344	47.204	ug/l #	100
73) Isopropylbenzene	10.963	105	401719	48.494	ug/l	100
74) N-amyl acetate	10.841	43	168536	47.643	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	156101	51.354	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	140295m	49.960	ug/l	
77) Bromobenzene	11.195	156	97918	48.416	ug/l	92
78) n-propylbenzene	11.305	91	481675	47.554	ug/l	99
79) 2-Chlorotoluene	11.366	91	281659	46.888	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	344607	48.219	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	39684	41.969	ug/l	93
82) 4-Chlorotoluene	11.451	91	336775	47.378	ug/l	97
83) tert-Butylbenzene	11.713	119	343927	49.250	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	346699	48.655	ug/l	99
85) sec-Butylbenzene	11.890	105	440162	48.658	ug/l	99
86) p-Isopropyltoluene	12.012	119	362262	48.538	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	191598	47.167	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	195750	47.201	ug/l	98
89) n-Butylbenzene	12.335	91	344560	46.356	ug/l	96
90) Hexachloroethane	12.536	117	63527	51.337	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	190456	48.777	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37668	51.253	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	121637	46.446	ug/l	97
94) Hexachlorobutadiene	13.725	225	48406	45.923	ug/l	98
95) Naphthalene	13.774	128	432344	47.405	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	119490	47.121	ug/l	98

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

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