

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037639.D
 Acq On : 09 Sep 2023 19:51
 Operator : JC/MD
 Sample : 04254-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01I-20230830MS

Quant Time: Sep 11 01:28:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2023
 Supervised By : Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	80228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81121	74.906	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 149.820%#			
35) Dibromofluoromethane	5.385	113	68197	55.095	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.200%			
50) Toluene-d8	8.647	98	229993	50.660	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.079	95	95011	55.529	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27167	33.365	ug/l	99
3) Chloromethane	1.300	50	51679	56.697	ug/l	97
4) Vinyl Chloride	1.373	62	42837	45.621	ug/l	100
5) Bromomethane	1.593	94	21146	50.822	ug/l	99
6) Chloroethane	1.666	64	29079	60.773	ug/l	95
7) Trichlorofluoromethane	1.873	101	51795	40.587	ug/l	98
8) Diethyl Ether	2.136	74	40243	70.950	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.325	101	27454	32.165	ug/l	94
10) Methyl Iodide	2.446	142	58407	52.759	ug/l	92
11) Tert butyl alcohol	2.983	59	90954	375.321	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	38094	44.216	ug/l #	78
13) Acrolein	2.239	56	85951	360.753	ug/l	98
14) Allyl chloride	2.660	41	72487	60.001	ug/l #	85
15) Acrylonitrile	3.062	53	195169	369.401	ug/l	98
16) Acetone	2.385	43	152897	343.313	ug/l #	82
17) Carbon Disulfide	2.507	76	86949	40.296	ug/l	98
18) Methyl Acetate	2.702	43	122962	68.052	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	217729	71.282	ug/l	98
20) Methylene Chloride	2.788	84	69561	68.008	ug/l #	81
21) trans-1,2-Dichloroethene	3.087	96	50096	52.053	ug/l	84
22) Diisopropyl ether	3.763	45	171172	66.909	ug/l #	77
23) Vinyl Acetate	3.721	43	586504	321.145	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	100042	60.009	ug/l	97
25) 2-Butanone	4.556	43	243231	360.110	ug/l #	84
26) 2,2-Dichloropropane	4.470	77	46093	37.504	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	71968	62.752	ug/l	80
28) Bromochloromethane	4.897	49	55287	75.975	ug/l #	67
29) Tetrahydrofuran	5.007	42	159090	367.662	ug/l #	79
30) Chloroform	5.092	83	112851	63.090	ug/l	97
31) Cyclohexane	5.470	56	46443	35.245	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	77225	50.127	ug/l	95
36) 1,1-Dichloropropene	5.690	75	56364	34.468	ug/l	96
37) Ethyl Acetate	4.720	43	83388	49.735	ug/l #	90
38) Carbon Tetrachloride	5.678	117	59236	35.050	ug/l	98
39) Methylcyclohexane	7.378	83	47965	24.056	ug/l	89
40) Benzene	6.037	78	236008	46.906	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49987	58.525	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	90617	53.784	ug/l	90
43) Isopropyl Acetate	6.342	43	134880	53.710	ug/l #	85
44) Trichloroethene	7.122	130	55812	40.383	ug/l	93
45) 1,2-Dichloropropane	7.427	63	64759	52.555	ug/l	98
46) Dibromomethane	7.580	93	51709	55.915	ug/l	91
47) Bromodichloromethane	7.824	83	90938	53.814	ug/l	94
48) Methyl methacrylate	7.695	41	70905	58.994	ug/l #	76
49) 1,4-Dioxane	7.665	88	44973	1192.561	ug/l #	85
51) 4-Methyl-2-Pentanone	8.573	43	476054	298.069	ug/l #	86
52) Toluene	8.720	92	151667	46.409	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	95150	54.228	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	102730	52.623	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	78488	57.763	ug/l	97
56) Ethyl methacrylate	9.116	69	119654	60.438	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	125533	55.435	ug/l	99
59) 2-Hexanone	9.433	43	366295	300.703	ug/l	82
60) Dibromochloromethane	9.518	129	77796	57.503	ug/l	99
61) 1,2-Dibromoethane	9.610	107	83045	57.072	ug/l	100
64) Tetrachloroethene	9.274	164	38912	30.695	ug/l	98
65) Chlorobenzene	10.079	112	175473	44.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	70331	49.894	ug/l	100
67) Ethyl Benzene	10.195	91	271523	40.161	ug/l	100
68) m/p-Xylenes	10.305	106	218578	82.185	ug/l	95
69) o-Xylene	10.640	106	117200	44.319	ug/l	97
70) Styrene	10.658	104	201949	46.971	ug/l	95
71) Bromoform	10.799	173	58432	51.799	ug/l #	98
73) Isopropylbenzene	10.963	105	256370	38.482	ug/l	99
74) N-amyl acetate	10.841	43	114659	49.929	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	127020	54.865	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	99803m	48.068	ug/l	
77) Bromobenzene	11.195	156	80349	48.725	ug/l	89
78) n-propylbenzene	11.305	91	276762	37.356	ug/l	98
79) 2-Chlorotoluene	11.366	91	204585	43.459	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	229365	40.590	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	31409	46.589	ug/l	85
82) 4-Chlorotoluene	11.457	91	227393	42.840	ug/l	97
83) tert-Butylbenzene	11.713	119	232049	40.732	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	249997	44.251	ug/l	96
85) sec-Butylbenzene	11.890	105	233573	34.010	ug/l	99
86) p-Isopropyltoluene	12.006	119	205025	35.250	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	135865	43.303	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	138150	43.282	ug/l	99
89) n-Butylbenzene	12.335	91	147920	30.952	ug/l	98
90) Hexachloroethane	12.536	117	38981	39.440	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	149740	47.911	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	27605	56.003	ug/l	70
93) 1,2,4-Trichlorobenzene	13.585	180	78195	41.365	ug/l	97
94) Hexachlorobutadiene	13.725	225	21721	26.031	ug/l	97
95) Naphthalene	13.774	128	346346	52.450	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	85616	43.848	ug/l	97

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

