

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039918.D
 Acq On : 23 Jan 2024 18:34
 Operator : JC/MD
 Sample : P1222-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-378-380MSD

Quant Time: Jan 24 02:36:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/24/2024
 Supervised By :Mahesh Dadoda 01/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62850	47.920	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.840%		
35) Dibromofluoromethane	5.379	113	46898	50.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.540%		
50) Toluene-d8	8.647	98	169506	48.652	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.300%		
62) 4-Bromofluorobenzene	11.079	95	69926	51.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	41981	41.441	ug/l	99
3) Chloromethane	1.295	50	47747	41.271	ug/l	99
4) Vinyl Chloride	1.374	62	48911	44.798	ug/l	97
5) Bromomethane	1.599	94	33378	53.579	ug/l	97
6) Chloroethane	1.685	64	31864	51.338	ug/l	99
7) Trichlorofluoromethane	1.886	101	79692	50.598	ug/l	100
8) Diethyl Ether	2.130	74	29097	49.991	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	47806	48.959	ug/l	97
10) Methyl Iodide	2.453	142	55395	53.776	ug/l	95
11) Tert butyl alcohol	2.959	59	90440	264.898	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	45330	48.103	ug/l	95
13) Acrolein	2.233	56	50028	237.470	ug/l	100
14) Allyl chloride	2.666	41	87357	47.100	ug/l	98
15) Acrylonitrile	3.063	53	170327	241.516	ug/l	99
16) Acetone	2.374	43	143539	194.598	ug/l	94
17) Carbon Disulfide	2.514	76	124206	45.858	ug/l	99
18) Methyl Acetate	2.697	43	77865	50.457	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	168684	50.421	ug/l	97
20) Methylene Chloride	2.788	84	55251	49.520	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	48170	48.574	ug/l	98
22) Diisopropyl ether	3.758	45	174979	49.436	ug/l	98
23) Vinyl Acetate	3.721	43	805360	244.781	ug/l	100
24) 1,1-Dichloroethane	3.611	63	97398	50.019	ug/l	99
25) 2-Butanone	4.550	43	244887	231.024	ug/l	99
26) 2,2-Dichloropropane	4.471	77	70706	45.243	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	57251	50.335	ug/l	99
28) Bromochloromethane	4.898	49	42437	48.079	ug/l	97
29) Tetrahydrofuran	4.995	42	161841	237.210	ug/l	100
30) Chloroform	5.093	83	102596	53.373	ug/l	96
31) Cyclohexane	5.471	56	80196	46.330	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	86841	52.770	ug/l	98
36) 1,1-Dichloropropene	5.696	75	72062	50.116	ug/l	99
37) Ethyl Acetate	4.709	43	90935	47.405	ug/l	99
38) Carbon Tetrachloride	5.678	117	70863	53.808	ug/l	99
39) Methylcyclohexane	7.379	83	80708	46.742	ug/l	98
40) Benzene	6.038	78	206975	50.834	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	49014	52.251	ug/l	93
42) 1,2-Dichloroethane	6.080	62	85113	54.984	ug/l	99
43) Isopropyl Acetate	6.336	43	141880	50.419	ug/l	99
44) Trichloroethene	7.123	130	51743	51.854	ug/l	94
45) 1,2-Dichloropropane	7.428	63	56317	51.561	ug/l	99
46) Dibromomethane	7.580	93	41834	55.453	ug/l	95
47) Bromodichloromethane	7.818	83	79133	56.636	ug/l	99
48) Methyl methacrylate	7.690	41	71973	52.034	ug/l	92
49) 1,4-Dioxane	7.653	88	26339	984.117	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	500950	258.483	ug/l	98
52) Toluene	8.720	92	131133	53.921	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	81629	55.058	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	85265	52.302	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	54878	53.001	ug/l	94
56) Ethyl methacrylate	9.116	69	91651	54.691	ug/l	97
57) 1,3-Dichloropropane	9.305	76	95404	54.371	ug/l	99
59) 2-Hexanone	9.427	43	400096	260.844	ug/l	97
60) Dibromochloromethane	9.519	129	57594	58.983	ug/l	99
61) 1,2-Dibromoethane	9.610	107	60104	56.055	ug/l	100
64) Tetrachloroethene	9.269	164	42156	50.472	ug/l	93
65) Chlorobenzene	10.080	112	141108	52.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	51664	56.719	ug/l	98
67) Ethyl Benzene	10.195	91	262069	52.768	ug/l	99
68) m/p-Xylenes	10.299	106	194134	106.288	ug/l	96
69) o-Xylene	10.640	106	95909	53.023	ug/l	95
70) Styrene	10.653	104	155473	52.618	ug/l	97
71) Bromoform	10.799	173	39719	58.072	ug/l #	99
73) Isopropylbenzene	10.964	105	257681	49.327	ug/l	99
74) N-amyl acetate	10.842	43	130617	47.968	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	98535	49.396	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83060m	48.827	ug/l	
77) Bromobenzene	11.195	156	57855	49.741	ug/l	95
78) n-propylbenzene	11.305	91	318095	50.310	ug/l	97
79) 2-Chlorotoluene	11.360	91	186219	47.653	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	221934	50.021	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	25696	45.555	ug/l	99
82) 4-Chlorotoluene	11.451	91	219696	49.564	ug/l	99
83) tert-Butylbenzene	11.713	119	213534	50.411	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	220969	49.920	ug/l	99
85) sec-Butylbenzene	11.890	105	275767	50.152	ug/l	99
86) p-Isopropyltoluene	12.006	119	226070	51.442	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112414	50.419	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	113693	49.372	ug/l	99
89) n-Butylbenzene	12.329	91	217342	51.205	ug/l	96
90) Hexachloroethane	12.536	117	39255	52.948	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	108434	49.193	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25509	52.186	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	66616	49.454	ug/l	98
94) Hexachlorobutadiene	13.725	225	27994	49.993	ug/l	97
95) Naphthalene	13.774	128	241184	48.636	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	65819	48.414	ug/l	100

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

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