

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039917.D
 Acq On : 23 Jan 2024 18:12
 Operator : JC/MD
 Sample : P1222-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jan 24 02:35:19 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	69790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55792	47.723	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.440%			
35) Dibromofluoromethane	5.385	113	42353	50.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	8.647	98	152697	48.147	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.300%			
62) 4-Bromofluorobenzene	11.079	95	64228	51.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	41025	45.434	ug/l	99
3) Chloromethane	1.294	50	46654	45.242	ug/l	98
4) Vinyl Chloride	1.374	62	47555	48.864	ug/l	100
5) Bromomethane	1.599	94	32598	58.704	ug/l	96
6) Chloroethane	1.679	64	30248	54.674	ug/l	99
7) Trichlorofluoromethane	1.886	101	77244	55.021	ug/l	98
8) Diethyl Ether	2.130	74	27848	53.676	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	47475	54.546	ug/l	98
10) Methyl Iodide	2.453	142	52101	56.743	ug/l	95
11) Tert butyl alcohol	2.959	59	84756	278.506	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	45733	54.446	ug/l	92
13) Acrolein	2.233	56	50423	270.642	ug/l	99
14) Allyl chloride	2.666	41	85317	51.606	ug/l	99
15) Acrylonitrile	3.062	53	168914	268.704	ug/l	99
16) Acetone	2.374	43	140988	214.435	ug/l	96
17) Carbon Disulfide	2.508	76	121525	50.336	ug/l	100
18) Methyl Acetate	2.697	43	75487	54.878	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	163049	54.676	ug/l	96
20) Methylene Chloride	2.788	84	54544	54.845	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	48300	54.641	ug/l	95
22) Diisopropyl ether	3.757	45	170767	54.127	ug/l	98
23) Vinyl Acetate	3.721	43	791229	269.796	ug/l	100
24) 1,1-Dichloroethane	3.605	63	94945	54.703	ug/l	99
25) 2-Butanone	4.550	43	237091	250.930	ug/l	97
26) 2,2-Dichloropropane	4.471	77	66902	48.027	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	56900	56.123	ug/l	97
28) Bromochloromethane	4.891	49	40567	51.562	ug/l	96
29) Tetrahydrofuran	4.995	42	158823	261.159	ug/l	99
30) Chloroform	5.093	83	98412	57.436	ug/l	98
31) Cyclohexane	5.471	56	77419	50.177	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	83468	56.902	ug/l	98
36) 1,1-Dichloropropene	5.690	75	69844	53.362	ug/l	99
37) Ethyl Acetate	4.708	43	88781	50.844	ug/l	98
38) Carbon Tetrachloride	5.672	117	68482	57.126	ug/l	97
39) Methylcyclohexane	7.379	83	81073	51.582	ug/l	97
40) Benzene	6.037	78	204431	55.158	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47468	55.591	ug/l	95
42) 1,2-Dichloroethane	6.086	62	81489	57.832	ug/l	100
43) Isopropyl Acetate	6.336	43	138711	54.152	ug/l	98
44) Trichloroethene	7.123	130	50856	55.989	ug/l	96
45) 1,2-Dichloropropane	7.428	63	55107	55.427	ug/l	97
46) Dibromomethane	7.580	93	40538	59.032	ug/l	96
47) Bromodichloromethane	7.818	83	76740	60.338	ug/l	98
48) Methyl methacrylate	7.690	41	70020	55.613	ug/l	94
49) 1,4-Dioxane	7.653	88	25657	1053.136	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	490846	278.236	ug/l	98
52) Toluene	8.714	92	127515	57.602	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	77905	57.726	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	81343	54.815	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	54081	57.380	ug/l	95
56) Ethyl methacrylate	9.116	69	87551	57.395	ug/l	95
57) 1,3-Dichloropropane	9.305	76	91906	57.541	ug/l	99
59) 2-Hexanone	9.427	43	389532	278.991	ug/l	98
60) Dibromochloromethane	9.519	129	56117	63.136	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58503	59.940	ug/l	99
64) Tetrachloroethene	9.275	164	41805	53.870	ug/l	98
65) Chlorobenzene	10.079	112	136185	54.792	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	50088	59.183	ug/l	99
67) Ethyl Benzene	10.195	91	256092	55.498	ug/l	97
68) m/p-Xylenes	10.299	106	188961	111.346	ug/l	96
69) o-Xylene	10.640	106	92573	55.082	ug/l	94
70) Styrene	10.653	104	150571	54.845	ug/l	98
71) Bromoform	10.799	173	38922	61.247	ug/l #	100
73) Isopropylbenzene	10.957	105	251438	51.140	ug/l	99
74) N-amyl acetate	10.842	43	127500	49.750	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	96111	51.192	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	80063m	50.007	ug/l	
77) Bromobenzene	11.195	156	56394	51.515	ug/l	97
78) n-propylbenzene	11.305	91	305311	51.306	ug/l	97
79) 2-Chlorotoluene	11.360	91	179822	48.893	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	216034	51.735	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	23364	44.154	ug/l	94
82) 4-Chlorotoluene	11.451	91	212162	50.856	ug/l	98
83) tert-Butylbenzene	11.713	119	206101	51.698	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	215813	51.803	ug/l	99
85) sec-Butylbenzene	11.890	105	269015	51.983	ug/l	98
86) p-Isopropyltoluene	12.006	119	219105	52.974	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	107619	51.285	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	110253	50.871	ug/l	99
89) n-Butylbenzene	12.329	91	210756	52.757	ug/l	96
90) Hexachloroethane	12.536	117	37229	53.354	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	105499	50.854	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23843	51.827	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	64026	50.502	ug/l	98
94) Hexachlorobutadiene	13.725	225	27534	52.245	ug/l	97
95) Naphthalene	13.774	128	230461	49.379	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	62549	48.885	ug/l	98

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

