

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039431.D
 Acq On : 22 Dec 2023 11:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 23 06:21:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/27/2023
 Supervised By : Mahesh Dadoda 12/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	200888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103381	48.184	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.360%		
35) Dibromofluoromethane	5.379	113	75352	50.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.520%		
50) Toluene-d8	8.647	98	287338	52.140	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.280%		
62) 4-Bromofluorobenzene	11.079	95	114353	50.292	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	84421	51.297	ug/l	98
3) Chloromethane	1.294	50	95107	52.128	ug/l	100
4) Vinyl Chloride	1.374	62	90113	53.107	ug/l	99
5) Bromomethane	1.599	94	54054	55.371	ug/l	96
6) Chloroethane	1.685	64	51676	50.536	ug/l	100
7) Trichlorofluoromethane	1.886	101	125766	50.617	ug/l	99
8) Diethyl Ether	2.130	74	45200	52.562	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	78572	51.821	ug/l	96
10) Methyl Iodide	2.453	142	73411	46.842	ug/l	95
11) Tert butyl alcohol	2.953	59	112976	209.689	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	75508	50.135	ug/l	97
13) Acrolein	2.233	56	159092	370.137	ug/l	100
14) Allyl chloride	2.660	41	146677	48.075	ug/l	97
15) Acrylonitrile	3.056	53	261591	242.566	ug/l	99
16) Acetone	2.373	43	351241	286.038	ug/l	93
17) Carbon Disulfide	2.514	76	211944	48.088	ug/l	98
18) Methyl Acetate	2.697	43	221901	47.817	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	262923	48.270	ug/l	98
20) Methylene Chloride	2.788	84	87569	48.961	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	81018	49.436	ug/l	96
22) Diisopropyl ether	3.751	45	282110	50.796	ug/l	98
23) Vinyl Acetate	3.715	43	1040578	251.672	ug/l	99
24) 1,1-Dichloroethane	3.605	63	154408	49.183	ug/l	99
25) 2-Butanone	4.544	43	404989	218.743	ug/l	99
26) 2,2-Dichloropropane	4.471	77	128428	46.857	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	91103	50.364	ug/l	97
28) Bromochloromethane	4.891	49	81598	53.268	ug/l	91
29) Tetrahydrofuran	4.995	42	247772	242.332	ug/l	99
30) Chloroform	5.086	83	153566	48.947	ug/l	99
31) Cyclohexane	5.464	56	139733	50.423	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	132643	48.701	ug/l	98
36) 1,1-Dichloropropene	5.684	75	115802	49.436	ug/l	100
37) Ethyl Acetate	4.702	43	139251	48.117	ug/l	99
38) Carbon Tetrachloride	5.672	117	107655	48.158	ug/l	96
39) Methylcyclohexane	7.379	83	141559	50.310	ug/l	99
40) Benzene	6.031	78	334670	50.507	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	74651	48.346	ug/l	96
42) 1,2-Dichloroethane	6.080	62	130469	48.642	ug/l	100
43) Isopropyl Acetate	6.330	43	226196	48.065	ug/l	99
44) Trichloroethene	7.123	130	83120	49.710	ug/l	94
45) 1,2-Dichloropropane	7.427	63	90820	51.070	ug/l	96
46) Dibromomethane	7.574	93	62558	50.042	ug/l	94
47) Bromodichloromethane	7.818	83	118993	49.783	ug/l	98
48) Methyl methacrylate	7.690	41	136823	49.732	ug/l	96
49) 1,4-Dioxane	7.653	88	37539	1012.235	ug/l #	100
51) 4-Methyl-2-Pentanone	8.567	43	743820	248.070	ug/l	99
52) Toluene	8.714	92	204692	51.181	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	130923	49.752	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	141596	50.008	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	83598	50.069	ug/l	94
56) Ethyl methacrylate	9.110	69	105407	51.715	ug/l	97
57) 1,3-Dichloropropane	9.305	76	146083	50.610	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	316092	264.106	ug/l	94
59) 2-Hexanone	9.427	43	617693	238.698	ug/l	99
60) Dibromochloromethane	9.518	129	84839	50.243	ug/l	99
61) 1,2-Dibromoethane	9.610	107	91386	51.272	ug/l	97
64) Tetrachloroethene	9.269	164	63243	48.177	ug/l	94
65) Chlorobenzene	10.079	112	214100	48.828	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	75350	48.650	ug/l	97
67) Ethyl Benzene	10.189	91	410149	50.251	ug/l	96
68) m/p-Xylenes	10.299	106	295980	101.140	ug/l	93
69) o-Xylene	10.640	106	141800	50.115	ug/l	93
70) Styrene	10.652	104	214107	51.760	ug/l	96
71) Bromoform	10.799	173	56343	48.941	ug/l #	99
73) Isopropylbenzene	10.957	105	387781	50.127	ug/l	100
74) N-amyl acetate	10.841	43	199324	50.925	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	143540	49.878	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	124486m	47.989	ug/l	
77) Bromobenzene	11.195	156	85085	49.738	ug/l	90
78) n-propylbenzene	11.305	91	489736	51.381	ug/l	97
79) 2-Chlorotoluene	11.360	91	284785	49.396	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	337667	51.238	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	42695	46.430	ug/l	97
82) 4-Chlorotoluene	11.451	91	338636	50.008	ug/l	98
83) tert-Butylbenzene	11.713	119	314303	50.113	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	342050	50.612	ug/l	99
85) sec-Butylbenzene	11.890	105	406175	50.893	ug/l	98
86) p-Isopropyltoluene	12.006	119	343868	51.340	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	166068	49.413	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	167664	47.914	ug/l	98
89) n-Butylbenzene	12.329	91	349044	53.012	ug/l	96
90) Hexachloroethane	12.536	117	59581	49.245	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	159208	49.510	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36279	47.862	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	105509	50.108	ug/l	98
94) Hexachlorobutadiene	13.725	225	38816	48.917	ug/l	99
95) Naphthalene	13.774	128	374578	51.081	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	102124	50.240	ug/l	99

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

