

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034890.D
 Acq On : 31 Mar 2023 19:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 05:28:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	228279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	388012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167652	48.021	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.040%		
35) Dibromofluoromethane	5.385	113	124049	48.336	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.680%		
50) Toluene-d8	8.647	98	468360	49.443	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.880%		
62) 4-Bromofluorobenzene	11.079	95	181318	49.464	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	111203	48.841	ug/l	100
3) Chloromethane	1.294	50	146124	51.259	ug/l	98
4) Vinyl Chloride	1.374	62	142319	50.421	ug/l	99
5) Bromomethane	1.617	94	82064	44.742	ug/l	98
6) Chloroethane	1.691	64	102539	55.836	ug/l	98
7) Trichlorofluoromethane	1.886	101	241466	53.213	ug/l	98
8) Diethyl Ether	2.130	74	91019	56.896	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	118084	49.788	ug/l	97
10) Methyl Iodide	2.453	142	111193	37.648	ug/l	94
11) Tert butyl alcohol	2.989	59	146547m	239.244	ug/l	
12) 1,1-Dichloroethene	2.319	96	114910	49.033	ug/l	92
13) Acrolein	2.239	56	108035	171.333	ug/l	100
14) Allyl chloride	2.666	41	223366	48.650	ug/l	95
15) Acrylonitrile	3.062	53	354229	256.912	ug/l	98
16) Acetone	2.386	43	325515	229.520	ug/l	95
17) Carbon Disulfide	2.514	76	276026	47.028	ug/l	100
18) Methyl Acetate	2.703	43	262797	52.152	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	426054	49.103	ug/l	100
20) Methylene Chloride	2.788	84	134528	48.069	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	125098	48.945	ug/l	96
22) Diisopropyl ether	3.757	45	469703	50.702	ug/l	99
23) Vinyl Acetate	3.721	43	1740450	263.426	ug/l	98
24) 1,1-Dichloroethane	3.611	63	247757	49.706	ug/l	100
25) 2-Butanone	4.556	43	515951	250.095	ug/l	99
26) 2,2-Dichloropropane	4.477	77	179952	43.901	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	150175	49.587	ug/l	100
28) Bromochloromethane	4.897	49	124015	50.862	ug/l	97
29) Tetrahydrofuran	5.007	42	334913	259.142	ug/l	99
30) Chloroform	5.092	83	252613	49.897	ug/l	96
31) Cyclohexane	5.470	56	217088	51.067	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	216322	50.071	ug/l	99
36) 1,1-Dichloropropene	5.690	75	188716	49.634	ug/l	98
37) Ethyl Acetate	4.714	43	209634	52.730	ug/l	99
38) Carbon Tetrachloride	5.678	117	180336	50.307	ug/l	97
39) Methylcyclohexane	7.379	83	195124	48.328	ug/l	97
40) Benzene	6.037	78	538979	49.382	ug/l	98

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41) Methacrylonitrile	4.916	41	116197	53.742	ug/l	98
42) 1,2-Dichloroethane	6.086	62	215134	49.579	ug/l	99
43) Isopropyl Acetate	6.336	43	344160	51.743	ug/l	99
44) Trichloroethene	7.123	130	136481	48.986	ug/l	99
45) 1,2-Dichloropropane	7.427	63	142968	50.267	ug/l	100
46) Dibromomethane	7.580	93	98213	50.188	ug/l	97
47) Bromodichloromethane	7.824	83	185228	51.243	ug/l	100
48) Methyl methacrylate	7.690	41	172158	52.705	ug/l	96
49) 1,4-Dioxane	7.702	88	65428	971.958	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	1063368	270.132	ug/l	98
52) Toluene	8.720	92	345183	48.505	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	200873	51.657	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	218297	51.297	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	140142	52.031	ug/l	99
56) Ethyl methacrylate	9.116	69	227054	53.804	ug/l	97
57) 1,3-Dichloropropane	9.305	76	246020	51.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	582647	271.158	ug/l	100
59) 2-Hexanone	9.427	43	806978	271.035	ug/l	98
60) Dibromochloromethane	9.518	129	136017	53.013	ug/l	100
61) 1,2-Dibromoethane	9.610	107	145430	51.925	ug/l	99
64) Tetrachloroethene	9.275	164	115706	45.419	ug/l	99
65) Chlorobenzene	10.079	112	365813	49.391	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	130171	51.112	ug/l	100
67) Ethyl Benzene	10.195	91	673566	50.201	ug/l	98
68) m/p-Xylenes	10.299	106	509347	99.379	ug/l	98
69) o-Xylene	10.640	106	251436	50.078	ug/l	98
70) Styrene	10.652	104	418284	52.187	ug/l	100
71) Bromoform	10.799	173	92216	53.238	ug/l #	98
73) Isopropylbenzene	10.963	105	646714	50.357	ug/l	100
74) N-amyl acetate	10.841	43	316108	54.744	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	218182	51.835	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	180188m	51.006	ug/l	
77) Bromobenzene	11.195	156	153448	48.221	ug/l	99
78) n-propylbenzene	11.305	91	756601	50.998	ug/l	99
79) 2-Chlorotoluene	11.366	91	466160	49.766	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	541718	50.449	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	55067	46.716	ug/l	87
82) 4-Chlorotoluene	11.451	91	545002	50.103	ug/l	100
83) tert-Butylbenzene	11.713	119	521716	51.741	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	546371	50.035	ug/l	99
85) sec-Butylbenzene	11.890	105	627356	51.142	ug/l	99
86) p-Isopropyltoluene	12.006	119	525339	51.359	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	291419	50.286	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	295198	48.771	ug/l	100
89) n-Butylbenzene	12.335	91	451209	50.489	ug/l	98
90) Hexachloroethane	12.536	117	86870	54.814	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	289654	49.905	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	54940	62.532	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	177732	54.142	ug/l	98
94) Hexachlorobutadiene	13.725	225	69230	47.949	ug/l	98
95) Naphthalene	13.774	128	645732	55.360	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	177737	53.690	ug/l	99

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

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