

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028095.D
 Acq On : 14 Apr 2022 09:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/15/2022

Quant Time: Apr 15 03:10:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	203805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	332208	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	128585	46.505	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.000%		
35) Dibromofluoromethane	5.385	113	106334	48.847	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.700%		
50) Toluene-d8	8.647	98	408284	50.289	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.580%		
62) 4-Bromofluorobenzene	11.079	95	151878	50.102	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89051	45.002	ug/l	99
3) Chloromethane	1.288	50	107459	49.067	ug/l	99
4) Vinyl Chloride	1.374	62	129124	49.042	ug/l	100
5) Bromomethane	1.605	94	160783	57.985	ug/l	99
6) Chloroethane	1.685	64	115403	53.124	ug/l	98
7) Trichlorofluoromethane	1.886	101	316499	61.294	ug/l	97
8) Diethyl Ether	2.136	74	109676	55.424	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	99471	48.422	ug/l	97
10) Methyl Iodide	2.453	142	117642	49.176	ug/l	97
11) Tert butyl alcohol	2.971	59	141249	220.077	ug/l	99
12) 1,1-Dichloroethene	2.319	96	95852	47.648	ug/l	98
13) Acrolein	2.233	56	75989	222.886	ug/l	97
14) Allyl chloride	2.666	41	162357	45.603	ug/l	88
15) Acrylonitrile	3.062	53	300853	226.213	ug/l	99
16) Acetone	2.380	43	299033	259.577	ug/l	90
17) Carbon Disulfide	2.508	76	254796	48.198	ug/l	100
18) Methyl Acetate	2.703	43	136468	44.395	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	363890	48.166	ug/l	100
20) Methylene Chloride	2.788	84	108409	47.247	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	111796	46.393	ug/l	96
22) Diisopropyl ether	3.763	45	367367	48.085	ug/l	95
23) Vinyl Acetate	3.721	43	1654982	243.786	ug/l	96
24) 1,1-Dichloroethane	3.611	63	198196	47.922	ug/l	99
25) 2-Butanone	4.556	43	465840	233.940	ug/l	94
26) 2,2-Dichloropropane	4.477	77	191481	49.870	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	129117	47.533	ug/l	99
28) Bromochloromethane	4.897	49	81700	45.957	ug/l	92
29) Tetrahydrofuran	5.001	42	290926	223.529	ug/l	92
30) Chloroform	5.092	83	217593	47.313	ug/l	98
31) Cyclohexane	5.470	56	178702	47.004	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	197862	47.501	ug/l	99
36) 1,1-Dichloropropene	5.690	75	160357	48.266	ug/l	100
37) Ethyl Acetate	4.708	43	180027	46.515	ug/l	94
38) Carbon Tetrachloride	5.678	117	174475	49.191	ug/l	96
39) Methylcyclohexane	7.379	83	193437	49.254	ug/l	93
40) Benzene	6.037	78	462688	47.893	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	94215	45.756	ug/l	91
42) 1,2-Dichloroethane	6.086	62	173303	47.506	ug/l	97
43) Isopropyl Acetate	6.336	43	296497	45.983	ug/l	93
44) Trichloroethene	7.123	130	127751	49.728	ug/l	98
45) 1,2-Dichloropropane	7.427	63	116464	47.836	ug/l	100
46) Dibromomethane	7.580	93	87150	48.521	ug/l	94
47) Bromodichloromethane	7.818	83	169306	48.773	ug/l	99
48) Methyl methacrylate	7.690	41	133745	45.437	ug/l #	82
49) 1,4-Dioxane	7.665	88	61080	929.515	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	926080	225.264	ug/l	91
52) Toluene	8.720	92	311365	48.308	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	195563	49.876	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	200974	49.418	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	124724	47.735	ug/l	98
56) Ethyl methacrylate	9.116	69	197342	48.049	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	204261	47.157	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	348735	188.126	ug/l	99
59) 2-Hexanone	9.433	43	739844	229.785	ug/l	88
60) Dibromochloromethane	9.525	129	140246	50.212	ug/l	96
61) 1,2-Dibromoethane	9.610	107	136008	47.794	ug/l	99
64) Tetrachloroethene	9.275	164	124532	50.476	ug/l	97
65) Chlorobenzene	10.079	112	334862	49.355	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	127514	50.866	ug/l	99
67) Ethyl Benzene	10.195	91	601605	50.353	ug/l	97
68) m/p-Xylenes	10.305	106	484447	97.103	ug/l	98
69) o-Xylene	10.640	106	235838	48.630	ug/l	100
70) Styrene	10.659	104	395587	42.167	ug/l	98
71) Bromoform	10.799	173	104534	43.763	ug/l	99
73) Isopropylbenzene	10.963	105	622685	50.366	ug/l	100
74) N-amyl acetate	10.841	43	275174	51.501	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	207271	47.989	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	164347m	42.419	ug/l	
77) Bromobenzene	11.201	156	149873	49.624	ug/l	97
78) n-propylbenzene	11.305	91	738723	51.413	ug/l	99
79) 2-Chlorotoluene	11.366	91	429071	49.242	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	537880	50.365	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	69679	50.653	ug/l	89
82) 4-Chlorotoluene	11.457	91	509038	49.626	ug/l	98
83) tert-Butylbenzene	11.713	119	529067	51.202	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	535339	51.200	ug/l	99
85) sec-Butylbenzene	11.890	105	672922	51.026	ug/l	100
86) p-Isopropyltoluene	12.012	119	573788	51.347	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	299187	50.840	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	304407	49.311	ug/l	99
89) n-Butylbenzene	12.335	91	498267	52.093	ug/l	98
90) Hexachloroethane	12.542	117	99633	53.065	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	290550	49.411	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49152	51.728	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	182894	55.622	ug/l	99
94) Hexachlorobutadiene	13.725	225	71468	53.865	ug/l	96
95) Naphthalene	13.780	128	632378	55.066	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	179356	55.117	ug/l	96

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

