

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028719.D
 Acq On : 16 May 2022 10:10
 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 : John Carlone 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 17 03:31:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	204619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	338731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135280	48.231	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.460%		
35) Dibromofluoromethane	5.385	113	111094	50.058	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.120%		
50) Toluene-d8	8.647	98	414779	49.572	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.140%		
62) 4-Bromofluorobenzene	11.079	95	176257	56.398	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	127275	47.503	ug/l	99
3) Chloromethane	1.288	50	117989	46.761	ug/l	99
4) Vinyl Chloride	1.374	62	129274	47.541	ug/l	99
5) Bromomethane	1.599	94	90945	46.961	ug/l	100
6) Chloroethane	1.678	64	87013	50.836	ug/l	99
7) Trichlorofluoromethane	1.886	101	209656	48.360	ug/l	98
8) Diethyl Ether	2.130	74	85301	53.999	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	112734	49.415	ug/l	95
10) Methyl Iodide	2.453	142	113027	41.382	ug/l	95
11) Tert butyl alcohol	2.959	59	132374	221.473	ug/l	100
12) 1,1-Dichloroethene	2.319	96	102741	48.515	ug/l	97
13) Acrolein	2.233	56	120661	262.088	ug/l	98
14) Allyl chloride	2.660	41	171544	50.506	ug/l	91
15) Acrylonitrile	3.062	53	328548	243.119	ug/l	99
16) Acetone	2.380	43	316435	262.869	ug/l	93
17) Carbon Disulfide	2.508	76	271272	49.416	ug/l	100
18) Methyl Acetate	2.703	43	146579	48.617	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	376185	50.058	ug/l	100
20) Methylene Chloride	2.788	84	119184	47.193	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	115019	48.218	ug/l	97
22) Diisopropyl ether	3.757	45	366553	50.501	ug/l #	86
23) Vinyl Acetate	3.721	43	1614855	258.077	ug/l	96
24) 1,1-Dichloroethane	3.605	63	209264	49.592	ug/l	99
25) 2-Butanone	4.550	43	470935	249.233	ug/l	94
26) 2,2-Dichloropropane	4.477	77	174904	52.865	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	134784	48.379	ug/l	99
28) Bromochloromethane	4.897	49	93216	52.482	ug/l	93
29) Tetrahydrofuran	5.001	42	295527	240.613	ug/l	92
30) Chloroform	5.093	83	223343	48.906	ug/l	100
31) Cyclohexane	5.470	56	191074	49.078	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	197789	49.611	ug/l	99
36) 1,1-Dichloropropene	5.690	75	167693	50.307	ug/l	98
37) Ethyl Acetate	4.708	43	177808	51.070	ug/l	97
38) Carbon Tetrachloride	5.678	117	176133	52.505	ug/l	99
39) Methylcyclohexane	7.379	83	209151	54.712	ug/l	94
40) Benzene	6.037	78	477297	49.822	ug/l	100

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41) Methacrylonitrile	4.916	41	95761	51.297	ug/l	93
42) 1,2-Dichloroethane	6.086	62	177691	50.285	ug/l	98
43) Isopropyl Acetate	6.342	43	279217	51.262	ug/l	94
44) Trichloroethene	7.129	130	128999	49.650	ug/l	100
45) 1,2-Dichloropropane	7.427	63	119963	50.190	ug/l	98
46) Dibromomethane	7.580	93	90213	50.540	ug/l	93
47) Bromodichloromethane	7.824	83	175411	52.931	ug/l	100
48) Methyl methacrylate	7.696	41	138367	52.587	ug/l	86
49) 1,4-Dioxane	7.659	88	60445	919.552	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	915266	255.105	ug/l	93
52) Toluene	8.720	92	312904	50.774	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	186353	48.888	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	201611	54.067	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	127905	50.899	ug/l	98
56) Ethyl methacrylate	9.116	69	198813	52.244	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	212847	50.218	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	550185	295.308	ug/l	100
59) 2-Hexanone	9.433	43	715295	256.612	ug/l	91
60) Dibromochloromethane	9.519	129	134752	54.983	ug/l	97
61) 1,2-Dibromoethane	9.610	107	135237	51.239	ug/l	99
64) Tetrachloroethene	9.275	164	119331	50.391	ug/l	98
65) Chlorobenzene	10.079	112	336723	50.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	122545	52.001	ug/l	100
67) Ethyl Benzene	10.195	91	610406	51.191	ug/l	99
68) m/p-Xylenes	10.305	106	477233	102.799	ug/l	99
69) o-Xylene	10.640	106	233436	51.072	ug/l	99
70) Styrene	10.659	104	392339	52.858	ug/l	98
71) Bromoform	10.799	173	97683	50.019	ug/l #	100
73) Isopropylbenzene	10.963	105	615756	45.209	ug/l	99
74) N-amyl acetate	10.841	43	248697	46.450	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	224085	47.957	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	206145m	49.010	ug/l	
77) Bromobenzene	11.201	156	158624	49.221	ug/l	96
78) n-propylbenzene	11.305	91	795429	50.487	ug/l	100
79) 2-Chlorotoluene	11.366	91	470473	48.722	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	576389	50.787	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	62188	44.563	ug/l	89
82) 4-Chlorotoluene	11.457	91	552254	49.470	ug/l	99
83) tert-Butylbenzene	11.713	119	577402	52.547	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	587611	51.632	ug/l	99
85) sec-Butylbenzene	11.890	105	725307	53.511	ug/l	100
86) p-Isopropyltoluene	12.012	119	622063	54.693	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	333487	52.757	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	316787	48.316	ug/l	98
89) n-Butylbenzene	12.335	91	561126	56.940	ug/l	98
90) Hexachloroethane	12.542	117	105784	57.514	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	315890	50.870	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46769	46.876	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	170298	47.483	ug/l	98
94) Hexachlorobutadiene	13.725	225	74145	50.887	ug/l	95
95) Naphthalene	13.774	128	600991	47.090	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	169091	46.941	ug/l	95

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

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