

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040622\
 Data File : VX028002.D
 Acq On : 06 Apr 2022 17:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 08:07:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 05 15:58:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	89558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54730	48.981	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.960%		
35) Dibromofluoromethane	5.391	113	45254	47.761	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.520%		
50) Toluene-d8	8.653	98	168432	48.654	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.300%		
62) 4-Bromofluorobenzene	11.079	95	67748	49.764	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	45401	45.493	ug/l	98
3) Chloromethane	1.288	50	38761	45.175	ug/l	97
4) Vinyl Chloride	1.374	62	41939	45.630	ug/l	100
5) Bromomethane	1.599	94	19161	52.581	ug/l	98
6) Chloroethane	1.678	64	23896	46.694	ug/l	92
7) Trichlorofluoromethane	1.886	101	67389	46.201	ug/l	96
8) Diethyl Ether	2.130	74	22914	46.603	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	41598	46.952	ug/l	96
10) Methyl Iodide	2.447	142	52608	45.026	ug/l	93
11) Tert butyl alcohol	2.965	59	46086	225.451	ug/l	100
12) 1,1-Dichloroethene	2.319	96	39135	46.347	ug/l	93
13) Acrolein	2.233	56	45795	247.404	ug/l	96
14) Allyl chloride	2.660	41	63295	49.424	ug/l	95
15) Acrylonitrile	3.062	53	118856	243.192	ug/l	99
16) Acetone	2.380	43	98280	235.077	ug/l	94
17) Carbon Disulfide	2.508	76	93892	41.467	ug/l	100
18) Methyl Acetate	2.703	43	52797	48.811	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	133636	48.284	ug/l	100
20) Methylene Chloride	2.788	84	43966	46.910	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	42287	45.354	ug/l	95
22) Diisopropyl ether	3.757	45	125838	49.244	ug/l #	84
23) Vinyl Acetate	3.721	43	560428	252.534	ug/l	95
24) 1,1-Dichloroethane	3.611	63	74474	47.963	ug/l	99
25) 2-Butanone	4.556	43	163900	239.988	ug/l	95
26) 2,2-Dichloropropane	4.477	77	58367	48.404	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	49492	45.907	ug/l	98
28) Bromochloromethane	4.897	49	31287	50.773	ug/l	99
29) Tetrahydrofuran	5.001	42	109322	248.064	ug/l	90
30) Chloroform	5.092	83	81797	47.745	ug/l	98
31) Cyclohexane	5.470	56	67862	46.905	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	72895	47.336	ug/l	98
36) 1,1-Dichloropropene	5.696	75	59957	48.129	ug/l	99
37) Ethyl Acetate	4.714	43	62892	49.487	ug/l	98
38) Carbon Tetrachloride	5.678	117	65153	47.060	ug/l	97
39) Methylcyclohexane	7.379	83	71678	45.973	ug/l	96
40) Benzene	6.037	78	171632	47.913	ug/l	100

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41) Methacrylonitrile	4.916	41	35201	52.432	ug/l	92
42) 1,2-Dichloroethane	6.086	62	63052	48.453	ug/l	98
43) Isopropyl Acetate	6.342	43	100870	51.105	ug/l	95
44) Trichloroethene	7.129	130	50940	47.652	ug/l	97
45) 1,2-Dichloropropane	7.433	63	42232	48.946	ug/l	98
46) Dibromomethane	7.586	93	32639	46.365	ug/l	98
47) Bromodichloromethane	7.824	83	61140	47.159	ug/l	99
48) Methyl methacrylate	7.696	41	50906	53.762	ug/l	86
49) 1,4-Dioxane	7.659	88	21865	861.027	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	331250	256.165	ug/l	93
52) Toluene	8.720	92	113893	47.793	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	64230	49.014	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	69746	48.576	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	45978	47.015	ug/l	98
56) Ethyl methacrylate	9.116	69	72624	50.790	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	74346	47.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	172072	246.481	ug/l	98
59) 2-Hexanone	9.433	43	257869	257.958	ug/l	89
60) Dibromochloromethane	9.525	129	48806	46.203	ug/l	95
61) 1,2-Dibromoethane	9.610	107	49908	48.262	ug/l	99
64) Tetrachloroethene	9.275	164	47402	46.413	ug/l	95
65) Chlorobenzene	10.079	112	124849	45.975	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45346	45.423	ug/l	98
67) Ethyl Benzene	10.195	91	226760	48.346	ug/l	100
68) m/p-Xylenes	10.305	106	173591	94.172	ug/l	94
69) o-Xylene	10.646	106	85434	47.895	ug/l	96
70) Styrene	10.659	104	143770	48.295	ug/l	96
71) Bromoform	10.799	173	35406	43.610	ug/l #	100
73) Isopropylbenzene	10.963	105	225416	49.317	ug/l	100
74) N-amyl acetate	10.841	43	87046	54.636	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	70182	46.659	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	66604m	49.546	ug/l	
77) Bromobenzene	11.201	156	55732	46.529	ug/l	97
78) n-propylbenzene	11.305	91	260037	49.880	ug/l	98
79) 2-Chlorotoluene	11.366	91	159679	48.728	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	196235	49.954	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18997	44.551	ug/l #	81
82) 4-Chlorotoluene	11.457	91	184749	49.354	ug/l	99
83) tert-Butylbenzene	11.719	119	187057	47.314	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	198073	49.795	ug/l	98
85) sec-Butylbenzene	11.890	105	232487	48.088	ug/l	99
86) p-Isopropyltoluene	12.012	119	200846	48.884	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	104726	46.835	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	105522	46.793	ug/l	98
89) n-Butylbenzene	12.335	91	170460	49.014	ug/l	98
90) Hexachloroethane	12.542	117	29093	44.461	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	102698	47.194	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16377	46.471	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	64084	45.459	ug/l	98
94) Hexachlorobutadiene	13.725	225	27950	41.485	ug/l	94
95) Naphthalene	13.780	128	221264	48.227	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63156	45.850	ug/l	95

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

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