

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX027006.D
 Acq On : 12 Feb 2022 06:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 14 00:31:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	93237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55592	49.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.340%		
35) Dibromofluoromethane	5.391	113	44396	47.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.700%		
50) Toluene-d8	8.653	98	169058	49.639	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.280%		
62) 4-Bromofluorobenzene	11.079	95	60611	50.549	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	44170	43.568	ug/l	100
3) Chloromethane	1.295	50	39962	42.371	ug/l	100
4) Vinyl Chloride	1.380	62	41996	42.537	ug/l	99
5) Bromomethane	1.618	94	17140	40.912	ug/l	99
6) Chloroethane	1.691	64	24755	45.294	ug/l	98
7) Trichlorofluoromethane	1.892	101	63223	43.515	ug/l	98
8) Diethyl Ether	2.136	74	23118	42.955	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	41409	43.481	ug/l	99
10) Methyl Iodide	2.459	142	55729	42.543	ug/l	97
11) Tert butyl alcohol	2.989	59	38767	191.735	ug/l	96
12) 1,1-Dichloroethene	2.325	96	40888	42.850	ug/l	89
13) Acrolein	2.239	56	42751	228.798	ug/l	100
14) Allyl chloride	2.672	41	71264	42.163	ug/l	97
15) Acrylonitrile	3.069	53	130490	225.215	ug/l	99
16) Acetone	2.386	43	107959	219.622	ug/l	96
17) Carbon Disulfide	2.520	76	101553	37.595	ug/l	100
18) Methyl Acetate	2.709	43	60916	43.070	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	144708	42.845	ug/l	99
20) Methylene Chloride	2.794	84	46379	43.543	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	43388	43.211	ug/l	97
22) Diisopropyl ether	3.764	45	150459	44.215	ug/l	99
23) Vinyl Acetate	3.727	43	631369	220.677	ug/l	98
24) 1,1-Dichloroethane	3.617	63	82397	44.748	ug/l	99
25) 2-Butanone	4.562	43	181541	229.219	ug/l	97
26) 2,2-Dichloropropane	4.483	77	47089	37.849	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	52353	45.411	ug/l	94
28) Bromochloromethane	4.904	49	37085	48.585	ug/l	95
29) Tetrahydrofuran	5.007	42	121181	225.065	ug/l	98
30) Chloroform	5.105	83	83885	43.847	ug/l	100
31) Cyclohexane	5.477	56	76031	42.753	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	73080	43.326	ug/l	99
36) 1,1-Dichloropropene	5.696	75	62540	42.728	ug/l	98
37) Ethyl Acetate	4.715	43	71177	42.789	ug/l	99
38) Carbon Tetrachloride	5.684	117	64056	41.733	ug/l	97
39) Methylcyclohexane	7.385	83	75605	42.120	ug/l	98
40) Benzene	6.044	78	183778	43.081	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39765	44.107	ug/l	96
42) 1,2-Dichloroethane	6.092	62	67617	44.982	ug/l	98
43) Isopropyl Acetate	6.342	43	114155	44.603	ug/l	99
44) Trichloroethene	7.129	130	55099	43.017	ug/l	98
45) 1,2-Dichloropropane	7.434	63	47635	44.134	ug/l	99
46) Dibromomethane	7.580	93	33276	44.557	ug/l	96
47) Bromodichloromethane	7.824	83	64446	45.061	ug/l	98
48) Methyl methacrylate	7.696	41	57030	44.972	ug/l	97
49) 1,4-Dioxane	7.684	88	18641	853.033	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	356706	229.993	ug/l	98
52) Toluene	8.720	92	119088	44.093	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	63684	41.372	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	71723	45.415	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	48665	47.596	ug/l	97
56) Ethyl methacrylate	9.116	69	76182	47.004	ug/l	96
57) 1,3-Dichloropropane	9.311	76	82155	46.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	192718	231.662	ug/l	98
59) 2-Hexanone	9.433	43	258240	227.641	ug/l	98
60) Dibromochloromethane	9.525	129	50096	47.617	ug/l	100
61) 1,2-Dibromoethane	9.610	107	50745	46.973	ug/l	99
64) Tetrachloroethene	9.275	164	57762	41.203	ug/l	97
65) Chlorobenzene	10.079	112	127936	44.320	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	47296	44.540	ug/l	99
67) Ethyl Benzene	10.195	91	230084	45.035	ug/l	99
68) m/p-Xylenes	10.305	106	173994	88.516	ug/l	98
69) o-Xylene	10.640	106	85255	44.263	ug/l	97
70) Styrene	10.659	104	140521	44.983	ug/l	98
71) Bromoform	10.799	173	32270	39.639	ug/l #	100
73) Isopropylbenzene	10.963	105	225291	45.971	ug/l	100
74) N-amyl acetate	10.842	43	86215	44.029	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	58807	44.218	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	59938m	44.009	ug/l	
77) Bromobenzene	11.201	156	52429	45.007	ug/l	96
78) n-propylbenzene	11.305	91	251377	46.269	ug/l	99
79) 2-Chlorotoluene	11.366	91	148907	44.359	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	181162	44.915	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16234	38.133	ug/l	95
82) 4-Chlorotoluene	11.457	91	169977	45.137	ug/l	97
83) tert-Butylbenzene	11.713	119	173080	45.023	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	182562	44.874	ug/l	98
85) sec-Butylbenzene	11.890	105	222023	45.563	ug/l	99
86) p-Isopropyltoluene	12.012	119	187968	45.533	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	95156	44.579	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	93928	43.633	ug/l	98
89) n-Butylbenzene	12.335	91	154356	45.700	ug/l	100
90) Hexachloroethane	12.542	117	27437	45.985	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	91341	44.348	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13992	42.782	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	59045	45.425	ug/l	99
94) Hexachlorobutadiene	13.725	225	23163	42.129	ug/l	98
95) Naphthalene	13.780	128	212893	46.758	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60323	45.832	ug/l	99

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

