

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027158.D
 Acq On : 23 Feb 2022 20:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 24 03:34:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	75123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	123381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	43585	48.308	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.620%		
35) Dibromofluoromethane	5.391	113	36570	47.751	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.500%		
50) Toluene-d8	8.653	98	136069	47.517	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.040%		
62) 4-Bromofluorobenzene	11.079	95	51797	47.123	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	37219	49.842	ug/l	99
3) Chloromethane	1.295	50	36092	51.705	ug/l	100
4) Vinyl Chloride	1.374	62	33603	48.329	ug/l	98
5) Bromomethane	1.599	94	14802	48.731	ug/l	97
6) Chloroethane	1.685	64	20389	47.755	ug/l	100
7) Trichlorofluoromethane	1.886	101	52648	48.686	ug/l	100
8) Diethyl Ether	2.136	74	18191	48.329	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	37601	49.912	ug/l	97
10) Methyl Iodide	2.453	142	52973	52.367	ug/l	96
11) Tert butyl alcohol	2.971	59	43102	245.534	ug/l	96
12) 1,1-Dichloroethene	2.319	96	36904	50.460	ug/l	89
13) Acrolein	2.239	56	38781	239.012	ug/l	98
14) Allyl chloride	2.666	41	66277	51.471	ug/l	95
15) Acrylonitrile	3.069	53	120294	267.052	ug/l	99
16) Acetone	2.386	43	99795	251.923	ug/l	94
17) Carbon Disulfide	2.514	76	94960	49.934	ug/l	99
18) Methyl Acetate	2.709	43	53208	52.039	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	129892	51.760	ug/l	99
20) Methylene Chloride	2.794	84	42498	51.760	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	40546	51.986	ug/l	95
22) Diisopropyl ether	3.770	45	130950	52.166	ug/l	92
23) Vinyl Acetate	3.727	43	569319	268.574	ug/l	97
24) 1,1-Dichloroethane	3.611	63	72805	51.305	ug/l	100
25) 2-Butanone	4.562	43	165521	262.375	ug/l	98
26) 2,2-Dichloropropane	4.483	77	48537	47.148	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	47386	52.388	ug/l	93
28) Bromochloromethane	4.904	49	29083	50.659	ug/l	92
29) Tetrahydrofuran	5.013	42	110716	262.221	ug/l	97
30) Chloroform	5.099	83	74652	50.649	ug/l	98
31) Cyclohexane	5.477	56	67429	49.902	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	65429	51.279	ug/l	99
36) 1,1-Dichloropropene	5.696	75	55185	49.374	ug/l	97
37) Ethyl Acetate	4.721	43	63239	51.532	ug/l	98
38) Carbon Tetrachloride	5.684	117	57473	49.302	ug/l	96
39) Methylcyclohexane	7.385	83	68613	49.349	ug/l	94
40) Benzene	6.044	78	165584	50.660	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	35964	53.423	ug/l	96
42) 1,2-Dichloroethane	6.092	62	58712	50.634	ug/l	97
43) Isopropyl Acetate	6.348	43	99725	52.826	ug/l	97
44) Trichloroethene	7.129	130	48411	49.512	ug/l	96
45) 1,2-Dichloropropane	7.434	63	41504	51.969	ug/l	98
46) Dibromomethane	7.586	93	29737	51.841	ug/l	95
47) Bromodichloromethane	7.824	83	56903	50.825	ug/l	99
48) Methyl methacrylate	7.696	41	49192	53.833	ug/l	95
49) 1,4-Dioxane	7.665	88	21297	1030.936	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	327893	267.230	ug/l	97
52) Toluene	8.720	92	106608	50.937	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	58265	46.229	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	65070	52.066	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	43122	52.019	ug/l	96
56) Ethyl methacrylate	9.116	69	68280	52.905	ug/l	94
57) 1,3-Dichloropropane	9.311	76	72262	52.409	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	170688	274.373	ug/l	97
59) 2-Hexanone	9.433	43	249584	266.138	ug/l	95
60) Dibromochloromethane	9.525	129	45605	53.032	ug/l	99
61) 1,2-Dibromoethane	9.610	107	46106	52.226	ug/l	100
64) Tetrachloroethene	9.275	164	50591	49.335	ug/l	91
65) Chlorobenzene	10.080	112	115278	49.894	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43567	51.998	ug/l	98
67) Ethyl Benzene	10.195	91	205757	50.730	ug/l	100
68) m/p-Xylenes	10.305	106	160161	102.716	ug/l	96
69) o-Xylene	10.647	106	79002	50.482	ug/l	95
70) Styrene	10.659	104	132694	51.819	ug/l	98
71) Bromoform	10.799	173	32381	45.136	ug/l #	99
73) Isopropylbenzene	10.964	105	203824	51.463	ug/l	98
74) N-amyl acetate	10.848	43	82805	54.949	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	60725	51.910	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	59758m	53.601	ug/l	
77) Bromobenzene	11.201	156	50909	51.534	ug/l	94
78) n-propylbenzene	11.305	91	233135	51.791	ug/l	98
79) 2-Chlorotoluene	11.366	91	142051	51.496	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	172584	51.822	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16586	44.161	ug/l	93
82) 4-Chlorotoluene	11.457	91	161754	51.331	ug/l	96
83) tert-Butylbenzene	11.719	119	166673	51.470	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	172286	52.009	ug/l	98
85) sec-Butylbenzene	11.890	105	212017	52.215	ug/l	99
86) p-Isopropyltoluene	12.012	119	180705	52.204	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	94720	50.956	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	93617	49.255	ug/l	98
89) n-Butylbenzene	12.335	91	148457	51.312	ug/l	99
90) Hexachloroethane	12.543	117	27167	50.666	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	91867	50.650	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14348	52.831	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	58264	50.906	ug/l	97
94) Hexachlorobutadiene	13.725	225	22972	48.344	ug/l	100
95) Naphthalene	13.774	128	207887	53.452	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59324	51.710	ug/l	99

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

