

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027138.D
 Acq On : 23 Feb 2022 11:52
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Feb 23 12:37:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 12:34:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	82273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	132136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47908	48.065	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.140%		
35) Dibromofluoromethane	5.391	113	40211	49.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.980%		
50) Toluene-d8	8.653	98	150877	50.926	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.860%		
62) 4-Bromofluorobenzene	11.085	95	58661	55.025	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	40185	45.578	ug/l	96
3) Chloromethane	1.294	50	38583	46.621	ug/l	100
4) Vinyl Chloride	1.380	62	38942	45.347	ug/l	100
5) Bromomethane	1.599	94	15232	41.929	ug/l	99
6) Chloroethane	1.678	64	23086	50.550	ug/l	100
7) Trichlorofluoromethane	1.886	101	59665	46.985	ug/l	99
8) Diethyl Ether	2.136	74	21321	45.331	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	41767	49.561	ug/l	96
10) Methyl Iodide	2.453	142	58267	53.320	ug/l	96
11) Tert butyl alcohol	2.977	59	47784	261.370	ug/l	95
12) 1,1-Dichloroethene	2.319	96	40615	48.321	ug/l	91
13) Acrolein	2.239	56	43007	257.130	ug/l	99
14) Allyl chloride	2.666	41	72184	48.475	ug/l	95
15) Acrylonitrile	3.068	53	127944	249.204	ug/l	98
16) Acetone	2.386	43	105769	242.033	ug/l	94
17) Carbon Disulfide	2.514	76	104971	44.643	ug/l	99
18) Methyl Acetate	2.709	43	57422	46.107	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	142133	47.762	ug/l	100
20) Methylene Chloride	2.794	84	44945	47.637	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	43639	49.253	ug/l	94
22) Diisopropyl ether	3.769	45	141697	47.407	ug/l	91
23) Vinyl Acetate	3.727	43	616367	245.134	ug/l	97
24) 1,1-Dichloroethane	3.617	63	78961	48.601	ug/l	99
25) 2-Butanone	4.562	43	177175	251.936	ug/l	99
26) 2,2-Dichloropropane	4.483	77	58402	52.678	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	50942	49.953	ug/l	95
28) Bromochloromethane	4.903	49	32726	48.579	ug/l	91
29) Tetrahydrofuran	5.007	42	117542	246.444	ug/l	96
30) Chloroform	5.098	83	81894	48.367	ug/l	98
31) Cyclohexane	5.476	56	74805	47.845	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	72484	48.765	ug/l	99
36) 1,1-Dichloropropene	5.696	75	61616	49.371	ug/l	98
37) Ethyl Acetate	4.721	43	66645	47.337	ug/l	97
38) Carbon Tetrachloride	5.684	117	65065	49.680	ug/l	98
39) Methylcyclohexane	7.385	83	76514	50.039	ug/l	96
40) Benzene	6.043	78	179653	49.396	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37316	48.826	ug/l	95
42) 1,2-Dichloroethane	6.092	62	63701	49.775	ug/l	97
43) Isopropyl Acetate	6.348	43	106046	48.995	ug/l	97
44) Trichloroethene	7.129	130	53823	49.376	ug/l	95
45) 1,2-Dichloropropane	7.433	63	45108	49.100	ug/l	95
46) Dibromomethane	7.586	93	32189	50.400	ug/l	94
47) Bromodichloromethane	7.824	83	61637	50.613	ug/l	100
48) Methyl methacrylate	7.696	41	52218	48.582	ug/l	94
49) 1,4-Dioxane	7.665	88	23016	1188.507	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	343754	257.766	ug/l	96
52) Toluene	8.720	92	115478	49.909	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	64735	54.366	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	72068	53.388	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	46230	52.511	ug/l	98
56) Ethyl methacrylate	9.122	69	74284	53.237	ug/l	92
57) 1,3-Dichloropropane	9.311	76	77927	51.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	176158	251.632	ug/l	96
59) 2-Hexanone	9.433	43	265090	269.593	ug/l	96
60) Dibromochloromethane	9.525	129	49377	54.494	ug/l	99
61) 1,2-Dibromoethane	9.610	107	49979	53.572	ug/l	99
64) Tetrachloroethene	9.275	164	55672	47.034	ug/l	95
65) Chlorobenzene	10.079	112	124823	50.136	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	45873	50.258	ug/l	99
67) Ethyl Benzene	10.195	91	221512	50.416	ug/l	99
68) m/p-Xylenes	10.305	106	173490	102.123	ug/l	96
69) o-Xylene	10.646	106	85367	51.226	ug/l	96
70) Styrene	10.658	104	144231	53.130	ug/l	97
71) Bromoform	10.805	173	35992	55.974	ug/l #	100
73) Isopropylbenzene	10.963	105	223429	46.910	ug/l	99
74) N-amyl acetate	10.847	43	89362	47.043	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	64210	48.751	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	62946m	47.291	ug/l	
77) Bromobenzene	11.201	156	55534	48.534	ug/l	94
78) n-propylbenzene	11.305	91	256171	48.308	ug/l	99
79) 2-Chlorotoluene	11.366	91	154447	47.001	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	190551	48.278	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	19711	50.928	ug/l	90
82) 4-Chlorotoluene	11.457	91	177381	48.133	ug/l	96
83) tert-Butylbenzene	11.719	119	183208	48.503	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	189267	47.507	ug/l	97
85) sec-Butylbenzene	11.890	105	233148	48.784	ug/l	99
86) p-Isopropyltoluene	12.012	119	199151	49.177	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	104535	49.578	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	104907	49.325	ug/l	98
89) n-Butylbenzene	12.335	91	168312	50.582	ug/l	99
90) Hexachloroethane	12.542	117	31429	53.067	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	101558	49.978	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15746	49.374	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	65661	51.139	ug/l	98
94) Hexachlorobutadiene	13.725	225	26970	49.815	ug/l	99
95) Naphthalene	13.780	128	230026	51.389	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	65879	50.727	ug/l	99

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

