

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121321\
 Data File : VX025764.D
 Acq On : 13 Dec 2021 21:14
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 14 06:34:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 06:31:32 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Mahesh Dadoda 12/17/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199426	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	151706	109.929	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 219.860%#			
35) Dibromofluoromethane	5.391	113	130476	103.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 206.120%#			
50) Toluene-d8	8.653	98	486456	103.717	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 207.440%#			
62) 4-Bromofluorobenzene	11.085	95	189751	106.276	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 212.560%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	113721	111.035	ug/l	98
3) Chloromethane	1.294	50	128323	97.420	ug/l	98
4) Vinyl Chloride	1.374	62	137393	96.666	ug/l	100
5) Bromomethane	1.599	94	94092	133.845	ug/l	98
6) Chloroethane	1.672	64	94625	94.791	ug/l	98
7) Trichlorofluoromethane	1.880	101	232473	108.746	ug/l	95
8) Diethyl Ether	2.136	74	83104	92.796	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	123878	108.835	ug/l	99
10) Methyl Iodide	2.453	142	161250	110.616	ug/l	100
11) Tert butyl alcohol	2.983	59	147737	427.756	ug/l	100
12) 1,1-Dichloroethene	2.319	96	120484	105.340	ug/l	94
13) Acrolein	2.239	56	105629	1159.229	ug/l	98
14) Allyl chloride	2.666	41	208478	99.449	ug/l	100
15) Acrylonitrile	3.068	53	361139	507.556	ug/l	99
16) Acetone	2.386	43	344390	469.912	ug/l	99
17) Carbon Disulfide	2.508	76	345810	106.910	ug/l	99
18) Methyl Acetate	2.709	43	231470	97.682	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	409469	100.549	ug/l	98
20) Methylene Chloride	2.788	84	138057	98.945	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	132536	104.227	ug/l	99
22) Diisopropyl ether	3.769	45	415169	102.899	ug/l	89
23) Vinyl Acetate	3.727	43	1665812	515.394	ug/l	100
24) 1,1-Dichloroethane	3.611	63	234910	106.365	ug/l	98
25) 2-Butanone	4.562	43	519311	489.266	ug/l	98
26) 2,2-Dichloropropane	4.477	77	183514	95.496	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	153694	103.345	ug/l	98
28) Bromochloromethane	4.903	49	101056	97.777	ug/l	99
29) Tetrahydrofuran	5.013	42	330265	498.975	ug/l	100
30) Chloroform	5.105	83	252253	108.689	ug/l	99
31) Cyclohexane	5.476	56	211110	106.480	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	229290	109.403	ug/l	99
36) 1,1-Dichloropropene	5.696	75	185103	105.111	ug/l	99
37) Ethyl Acetate	4.721	43	197120	97.559	ug/l	99
38) Carbon Tetrachloride	5.678	117	211211	108.571	ug/l	99
39) Methylcyclohexane	7.385	83	217911	100.429	ug/l	99
40) Benzene	6.043	78	538056	100.282	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	105076	93.648	ug/l	98
42) 1,2-Dichloroethane	6.092	62	194764	108.347	ug/l	100
43) Isopropyl Acetate	6.348	43	317830	95.337	ug/l	100
44) Trichloroethene	7.129	130	152216	99.218	ug/l	98
45) 1,2-Dichloropropane	7.433	63	133538	101.259	ug/l	96
46) Dibromomethane	7.586	93	102024	105.064	ug/l	99
47) Bromodichloromethane	7.824	83	203908	106.503	ug/l	96
48) Methyl methacrylate	7.696	41	153125	97.286	ug/l	98
49) 1,4-Dioxane	7.665	88	65872	1984.149	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	1061299	504.273	ug/l	100
52) Toluene	8.720	92	354343	101.314	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	213721	102.306	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	227208	100.742	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	145211	103.671	ug/l	98
56) Ethyl methacrylate	9.122	69	224539	99.961	ug/l	99
57) 1,3-Dichloropropane	9.311	76	237771	102.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	500673	484.336	ug/l	100
59) 2-Hexanone	9.433	43	823445	499.526	ug/l	100
60) Dibromochloromethane	9.525	129	173590	106.960	ug/l	100
61) 1,2-Dibromoethane	9.616	107	158318	104.168	ug/l	100
64) Tetrachloroethene	9.275	164	146255	93.544	ug/l	98
65) Chlorobenzene	10.079	112	390914	99.642	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	150987	99.846	ug/l	99
67) Ethyl Benzene	10.195	91	685420	101.308	ug/l	100
68) m/p-Xylenes	10.305	106	545386	197.718	ug/l	99
69) o-Xylene	10.646	106	266518	98.754	ug/l	99
70) Styrene	10.659	104	456701	101.913	ug/l	99
71) Bromoform	10.805	173	132386	101.392	ug/l #	99
73) Isopropylbenzene	10.963	105	699441	100.764	ug/l	100
74) N-amyl acetate	10.847	43	291837	97.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	218901	95.949	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	192665m	95.393	ug/l	
77) Bromobenzene	11.201	156	175269	97.975	ug/l	98
78) n-propylbenzene	11.305	91	810559	104.188	ug/l	100
79) 2-Chlorotoluene	11.366	91	482498	100.612	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	585303	99.918	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	71941	92.499	ug/l	97
82) 4-Chlorotoluene	11.457	91	550512	100.599	ug/l	100
83) tert-Butylbenzene	11.719	119	578444	98.249	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	593245	102.185	ug/l	100
85) sec-Butylbenzene	11.890	105	732353	102.666	ug/l	100
86) p-Isopropyltoluene	12.012	119	617089	100.820	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	327197	98.484	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	329032	97.380	ug/l	99
89) n-Butylbenzene	12.335	91	524433	102.227	ug/l	99
90) Hexachloroethane	12.542	117	115779	102.026	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	309308	95.146	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51862	107.721	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	195233	105.277	ug/l	99
94) Hexachlorobutadiene	13.725	225	75669	86.863	ug/l	98
95) Naphthalene	13.780	128	659334	112.266	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	190941	104.232	ug/l	100

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

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