

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024710.D
 Acq On : 11 Oct 2021 12:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/12/2021 11:28:25 AM

Quant Time: Oct 11 17:11:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	152261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99146	46.202	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.400%		
35) Dibromofluoromethane	5.391	113	75064	48.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.680%		
50) Toluene-d8	8.653	98	265148	46.874	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.740%		
62) 4-Bromofluorobenzene	11.079	95	109332	49.159	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	84843	55.377	ug/l	99
3) Chloromethane	1.294	50	64552	44.698	ug/l	97
4) Vinyl Chloride	1.374	62	69982	46.325	ug/l	98
5) Bromomethane	1.599	94	58817	57.848	ug/l	99
6) Chloroethane	1.685	64	42916	42.691	ug/l	100
7) Trichlorofluoromethane	1.886	101	121569	45.602	ug/l	96
8) Diethyl Ether	2.136	74	41618	45.865	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	70977	47.215	ug/l	96
10) Methyl Iodide	2.453	142	87377	41.541	ug/l	92
11) Tert butyl alcohol	2.971	59	92435	181.833	ug/l	98
12) 1,1-Dichloroethene	2.319	96	64946	46.531	ug/l	91
13) Acrolein	2.239	56	32917	282.263	ug/l	99
14) Allyl chloride	2.666	41	118094	46.279	ug/l	91
15) Acrylonitrile	3.069	53	213426	218.922	ug/l	98
16) Acetone	2.386	43	272481	303.099	ug/l	89
17) Carbon Disulfide	2.514	76	164854	45.838	ug/l	100
18) Methyl Acetate	2.709	43	145151	45.171	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	250650	47.651	ug/l	98
20) Methylene Chloride	2.794	84	77746	48.383	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	73615	46.447	ug/l	94
22) Diisopropyl ether	3.770	45	243318	46.670	ug/l	96
23) Vinyl Acetate	3.727	43	1031403	244.305	ug/l	95
24) 1,1-Dichloroethane	3.611	63	136007	46.985	ug/l	97
25) 2-Butanone	4.562	43	375434	254.038	ug/l	93
26) 2,2-Dichloropropane	4.477	77	121297	46.582	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	85748	46.289	ug/l	96
28) Bromochloromethane	4.904	49	59854	45.548	ug/l	98
29) Tetrahydrofuran	5.013	42	202745	215.302	ug/l	92
30) Chloroform	5.099	83	149196	46.668	ug/l	97
31) Cyclohexane	5.477	56	117874	45.872	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	133769	47.130	ug/l	99
36) 1,1-Dichloropropene	5.696	75	106563	48.048	ug/l	99
37) Ethyl Acetate	4.721	43	122488	44.236	ug/l	95
38) Carbon Tetrachloride	5.678	117	119209	49.378	ug/l	99
39) Methylcyclohexane	7.385	83	130953	50.427	ug/l	97
40) Benzene	6.044	78	307018	48.411	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	65715	45.956	ug/l	93
42) 1,2-Dichloroethane	6.092	62	132625	49.796	ug/l	94
43) Isopropyl Acetate	6.342	43	199423	47.373	ug/l	93
44) Trichloroethene	7.129	130	86151	49.374	ug/l	99
45) 1,2-Dichloropropane	7.434	63	80457	49.175	ug/l	95
46) Dibromomethane	7.580	93	59906	48.828	ug/l	98
47) Bromodichloromethane	7.824	83	114632	50.981	ug/l	100
48) Methyl methacrylate	7.696	41	109192	52.384	ug/l	87
49) 1,4-Dioxane	7.659	88	39127	819.523	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	727564	261.799	ug/l	91
52) Toluene	8.720	92	201944	49.295	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	131776	51.706	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	135216	52.179	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	86265	50.926	ug/l	99
56) Ethyl methacrylate	9.116	69	122673	45.501	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	141695	49.577	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	332554	249.889	ug/l	99
59) 2-Hexanone	9.433	43	573091	261.854	ug/l	88
60) Dibromochloromethane	9.525	129	92649	48.246	ug/l	97
61) 1,2-Dibromoethane	9.610	107	94440	50.785	ug/l	100
64) Tetrachloroethene	9.275	164	82174	53.320	ug/l	96
65) Chlorobenzene	10.079	112	223979	48.283	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	85692	49.566	ug/l	99
67) Ethyl Benzene	10.195	91	404136	49.215	ug/l	98
68) m/p-Xylenes	10.305	106	310359	98.562	ug/l	99
69) o-Xylene	10.646	106	148632	47.734	ug/l	99
70) Styrene	10.659	104	247133	47.464	ug/l	98
71) Bromoform	10.799	173	67583	45.096	ug/l #	100
73) Isopropylbenzene	10.963	105	407590	48.463	ug/l	99
74) N-amyl acetate	10.842	43	176575	45.644	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	137861	46.351	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	131376m	48.628	ug/l	
77) Bromobenzene	11.201	156	103665	47.901	ug/l	94
78) n-propylbenzene	11.305	91	469512	47.755	ug/l	99
79) 2-Chlorotoluene	11.366	91	281752	47.044	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	359805	50.079	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	44974	46.042	ug/l	92
82) 4-Chlorotoluene	11.457	91	336432	47.743	ug/l	99
83) tert-Butylbenzene	11.719	119	341447	47.403	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	365909	51.220	ug/l	99
85) sec-Butylbenzene	11.896	105	408452	46.092	ug/l	100
86) p-Isopropyltoluene	12.012	119	380950	50.413	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	188357	45.701	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	192427	45.197	ug/l	100
89) n-Butylbenzene	12.335	91	340096	50.829	ug/l	97
90) Hexachloroethane	12.542	117	60461	48.658	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	187822	46.097	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32856	45.751	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	125428	48.351	ug/l	99
94) Hexachlorobutadiene	13.725	225	57200	48.202	ug/l	98
95) Naphthalene	13.780	128	422329	50.863	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	128334	48.277	ug/l	99

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

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