

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022655.D
 Acq On : 10 Jun 2021 20:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:08:44 PM

Quant Time: Jun 11 06:48:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	70554	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	141039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58265	45.918	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.840%		
35) Dibromofluoromethane	5.391	113	42422	47.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.280%		
50) Toluene-d8	8.653	98	164783	46.453	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.900%		
62) 4-Bromofluorobenzene	11.085	95	61220	45.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	41500	50.124	ug/l	98
3) Chloromethane	1.294	50	47440	47.419	ug/l	98
4) Vinyl Chloride	1.374	62	45854	46.646	ug/l	98
5) Bromomethane	1.599	94	24481	45.780	ug/l	98
6) Chloroethane	1.678	64	29187	49.035	ug/l	94
7) Trichlorofluoromethane	1.886	101	68331	48.271	ug/l	94
8) Diethyl Ether	2.136	74	27225	47.606	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	40868	47.322	ug/l	91
10) Methyl Iodide	2.453	142	45461	46.949	ug/l	93
11) Tert butyl alcohol	2.977	59	61825	210.434	ug/l	99
12) 1,1-Dichloroethene	2.319	96	41337	48.259	ug/l	99
13) Acrolein	2.245	56	33245	270.020	ug/l	95
14) Allyl chloride	2.666	41	78907	47.649	ug/l	94
15) Acrylonitrile	3.075	53	141273	244.831	ug/l	99
16) Acetone	2.392	43	126790	223.151	ug/l	96
17) Carbon Disulfide	2.514	76	88616	45.974	ug/l	99
18) Methyl Acetate	2.715	43	75991	44.432	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	143777	48.374	ug/l	98
20) Methylene Chloride	2.794	84	51370	46.805	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	45129	47.547	ug/l	96
22) Diisopropyl ether	3.770	45	158316	48.307	ug/l	92
23) Vinyl Acetate	3.733	43	751092	248.684	ug/l	94
24) 1,1-Dichloroethane	3.617	63	90851	47.771	ug/l	98
25) 2-Butanone	4.568	43	222917	241.912	ug/l	92
26) 2,2-Dichloropropane	4.489	77	59238	40.843	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	54337	46.986	ug/l	97
28) Bromochloromethane	4.910	49	43927	47.768	ug/l	# 78
29) Tetrahydrofuran	5.019	42	129404	241.186	ug/l	87
30) Chloroform	5.105	83	91105	48.060	ug/l	98
31) Cyclohexane	5.477	56	71611	46.781	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	74710	46.493	ug/l	96
36) 1,1-Dichloropropene	5.702	75	66215	47.119	ug/l	97
37) Ethyl Acetate	4.727	43	85523	47.882	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	58875	48.977	ug/l	98
39) Methylcyclohexane	7.385	83	69846	47.644	ug/l	92
40) Benzene	6.044	78	202056	48.329	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	47752	49.889	ug/l	91
42) 1,2-Dichloroethane	6.092	62	76120	49.499	ug/l	95
43) Isopropyl Acetate	6.354	43	140861	49.938	ug/l #	93
44) Trichloroethene	7.129	130	47390	48.286	ug/l	97
45) 1,2-Dichloropropane	7.440	63	54429	48.251	ug/l	97
46) Dibromomethane	7.586	93	35087	46.289	ug/l #	85
47) Bromodichloromethane	7.830	83	65689	44.786	ug/l #	95
48) Methyl methacrylate	7.702	41	66138	48.842	ug/l	89
49) 1,4-Dioxane	7.665	88	22296	865.101	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	446862	249.574	ug/l	91
52) Toluene	8.720	92	126538	48.629	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	74390	42.892	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	81165	43.535	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	53057	49.833	ug/l	98
56) Ethyl methacrylate	9.122	69	88178	45.980	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	92814	50.123	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	232801	242.544	ug/l	94
59) 2-Hexanone	9.433	43	347347	253.908	ug/l	88
60) Dibromochloromethane	9.525	129	45194	43.646	ug/l	100
61) 1,2-Dibromoethane	9.616	107	53264	50.123	ug/l	100
64) Tetrachloroethene	9.275	164	40754	49.406	ug/l #	87
65) Chlorobenzene	10.079	112	129759	47.731	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	43977	44.884	ug/l	97
67) Ethyl Benzene	10.195	91	247864	49.526	ug/l	98
68) m/p-Xylenes	10.305	106	179092	98.796	ug/l	95
69) o-Xylene	10.646	106	87928	50.062	ug/l	96
70) Styrene	10.659	104	151091	46.678	ug/l	97
71) Bromoform	10.805	173	26196	41.484	ug/l #	100
73) Isopropylbenzene	10.963	105	235387	48.971	ug/l	99
74) N-amyl acetate	10.848	43	128774	49.815	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	84976	49.703	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	73577m	47.405	ug/l	
77) Bromobenzene	11.201	156	48880	47.603	ug/l	83
78) n-propylbenzene	11.305	91	284535	49.009	ug/l	96
79) 2-Chlorotoluene	11.366	91	169373	48.211	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	198264	49.517	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	24458	41.894	ug/l	91
82) 4-Chlorotoluene	11.457	91	194799	48.454	ug/l	95
83) tert-Butylbenzene	11.719	119	180683	48.047	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	200489	49.366	ug/l	98
85) sec-Butylbenzene	11.896	105	240177	48.899	ug/l	97
86) p-Isopropyltoluene	12.012	119	200104	49.349	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	93067	47.752	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	93520	46.614	ug/l	96
89) n-Butylbenzene	12.335	91	192363	49.552	ug/l	97
90) Hexachloroethane	12.542	117	28203	42.447	ug/l	74
91) 1,2-Dichlorobenzene	12.341	146	92017	48.453	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16993	42.758	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	54740	48.046	ug/l	96
94) Hexachlorobutadiene	13.731	225	19120	46.797	ug/l	100
95) Naphthalene	13.780	128	229138	46.172	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55070	49.581	ug/l	96

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

