

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023049.D
 Acq On : 30 Jun 2021 21:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:55:55 PM

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Quant Time: Jul 01 03:28:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	65436	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61095	51.447	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.900%			
35) Dibromofluoromethane	5.391	113	42664	49.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.480%			
50) Toluene-d8	8.653	98	158314	47.091	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.180%			
62) 4-Bromofluorobenzene	11.085	95	59221	47.200	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	44755	48.476	ug/l	100
3) Chloromethane	1.295	50	49427	48.755	ug/l	100
4) Vinyl Chloride	1.374	62	46624	49.839	ug/l	97
5) Bromomethane	1.599	94	19239	37.331	ug/l	97
6) Chloroethane	1.679	64	28910	50.004	ug/l	100
7) Trichlorofluoromethane	1.886	101	70550	51.914	ug/l	95
8) Diethyl Ether	2.136	74	28426	54.192	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	44321	52.089	ug/l	88
10) Methyl Iodide	2.453	142	38662	38.736	ug/l	93
11) Tert butyl alcohol	2.983	59	65342	264.011	ug/l	100
12) 1,1-Dichloroethene	2.319	96	43286	50.990	ug/l	90
13) Acrolein	2.240	56	32995	214.350	ug/l	99
14) Allyl chloride	2.666	41	85500	53.013	ug/l	93
15) Acrylonitrile	3.075	53	157166	277.788	ug/l	99
16) Acetone	2.386	43	137545	261.263	ug/l	90
17) Carbon Disulfide	2.514	76	98922	43.275	ug/l	99
18) Methyl Acetate	2.709	43	70944	54.757	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	169387	55.641	ug/l	98
20) Methylene Chloride	2.794	84	52710	50.478	ug/l	# 84
21) trans-1,2-Dichloroethene	3.093	96	46847	49.744	ug/l	92
22) Diisopropyl ether	3.770	45	187522	55.897	ug/l	# 94
23) Vinyl Acetate	3.733	43	811481	288.346	ug/l	95
24) 1,1-Dichloroethane	3.617	63	97758	54.544	ug/l	98
25) 2-Butanone	4.568	43	225155	275.021	ug/l	91
26) 2,2-Dichloropropane	4.483	77	59325	43.619	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	55585	53.180	ug/l	93
28) Bromochloromethane	4.910	49	45488	53.872	ug/l	# 73
29) Tetrahydrofuran	5.019	42	145546	276.392	ug/l	86
30) Chloroform	5.105	83	96197	53.360	ug/l	98
31) Cyclohexane	5.477	56	83299	49.684	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	78624	54.282	ug/l	95
36) 1,1-Dichloropropene	5.696	75	69370	48.348	ug/l	97
37) Ethyl Acetate	4.721	43	89230	53.688	ug/l	# 93
38) Carbon Tetrachloride	5.690	117	62272	51.746	ug/l	100
39) Methylcyclohexane	7.385	83	76878	45.933	ug/l	90
40) Benzene	6.044	78	207583	50.174	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	47723	52.122	ug/l	89
42) 1,2-Dichloroethane	6.092	62	82147	53.966	ug/l	95
43) Isopropyl Acetate	6.349	43	143554	53.724	ug/l #	91
44) Trichloroethene	7.135	130	47053	47.957	ug/l	86
45) 1,2-Dichloropropane	7.440	63	54952	51.495	ug/l	99
46) Dibromomethane	7.586	93	36938	52.174	ug/l #	81
47) Bromodichloromethane	7.830	83	68853	47.987	ug/l	97
48) Methyl methacrylate	7.696	41	69281	56.022	ug/l	84
49) 1,4-Dioxane	7.665	88	25757	967.546	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	451520	271.507	ug/l	89
52) Toluene	8.720	92	123160	49.244	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	75787	44.917	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	82592	45.731	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	50950	50.775	ug/l	99
56) Ethyl methacrylate	9.122	69	89535	48.411	ug/l #	75
57) 1,3-Dichloropropane	9.311	76	94083	51.579	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	228116	247.812	ug/l	93
59) 2-Hexanone	9.433	43	340256	269.693	ug/l	87
60) Dibromochloromethane	9.525	129	44395	45.521	ug/l	99
61) 1,2-Dibromoethane	9.616	107	51483	50.517	ug/l	98
64) Tetrachloroethene	9.275	164	39973	47.469	ug/l #	87
65) Chlorobenzene	10.080	112	124699	49.414	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43360	53.168	ug/l	97
67) Ethyl Benzene	10.195	91	241666	52.006	ug/l	96
68) m/p-Xylenes	10.305	106	169636	98.301	ug/l	89
69) o-Xylene	10.647	106	84929	50.567	ug/l	91
70) Styrene	10.659	104	145700	52.265	ug/l	94
71) Bromoform	10.805	173	25986	44.885	ug/l #	100
73) Isopropylbenzene	10.964	105	220248	49.727	ug/l	99
74) N-amyl acetate	10.848	43	126495	50.574	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.214	83	79232	52.084	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	74027m	53.541	ug/l	
77) Bromobenzene	11.201	156	45661	49.576	ug/l	76
78) n-propylbenzene	11.305	91	277447	51.771	ug/l	95
79) 2-Chlorotoluene	11.366	91	166133	51.344	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	190437	52.363	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.025	75	21036	42.255	ug/l #	79
82) 4-Chlorotoluene	11.457	91	188407	50.384	ug/l	92
83) tert-Butylbenzene	11.720	119	171209	49.849	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	189310	51.718	ug/l	96
85) sec-Butylbenzene	11.896	105	232392	50.172	ug/l	97
86) p-Isopropyltoluene	12.012	119	188643	51.252	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	87686	49.347	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	89316	48.070	ug/l	95
89) n-Butylbenzene	12.335	91	180204	51.493	ug/l	96
90) Hexachloroethane	12.543	117	28574	42.569	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	86502	49.877	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17223	48.101	ug/l	69
93) 1,2,4-Trichlorobenzene	13.591	180	47797	49.692	ug/l	96
94) Hexachlorobutadiene	13.725	225	16418	43.560	ug/l	96
95) Naphthalene	13.780	128	202942	47.655	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	49552	51.145	ug/l	96

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

