

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022310.D
 Acq On : 01 Jun 2021 23:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/2/2021 1:59:18 PM

Quant Time: Jun 02 03:27:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	80455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	164536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	75589	60.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 121.82%#			
35) Dibromofluoromethane	5.397	113	57003	54.63	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.26%			
50) Toluene-d8	8.653	98	206732	51.43	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.86%			
62) 4-Bromofluorobenzene	11.085	95	79424	53.46	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.92%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	43567	44.54	ug/l	98
3) Chloromethane	1.295	50	51155	48.49	ug/l	100
4) Vinyl Chloride	1.374	62	54830	49.11	ug/l	98
5) Bromomethane	1.599	94	35589	54.68	ug/l	96
6) Chloroethane	1.679	64	35109	52.82	ug/l	97
7) Trichlorofluoromethane	1.880	101	76441	47.62	ug/l	98
8) Diethyl Ether	2.136	74	36551	52.95	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	43958	46.12	ug/l	92
10) Methyl Iodide	2.453	142	56982	55.63	ug/l	96
11) Tert butyl alcohol	2.977	59	89831	316.46	ug/l	99
12) 1,1-Dichloroethene	2.319	96	46121	50.02	ug/l	97
13) Acrolein	2.239	56	15632	83.03	ug/l	99
14) Allyl chloride	2.666	41	93834	55.41	ug/l	97
15) Acrylonitrile	3.075	53	183456	328.28	ug/l	100
16) Acetone	2.386	43	165818	306.84	ug/l	97
17) Carbon Disulfide	2.514	76	88917	36.82	ug/l	100
18) Methyl Acetate	2.709	43	99070	68.93	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	190310	60.25	ug/l	98
20) Methylene Chloride	2.794	84	62946	52.46	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	53146	52.99	ug/l	98
22) Diisopropyl ether	3.770	45	198165	60.75	ug/l	95
23) Vinyl Acetate	3.733	43	951420	302.93	ug/l	96
24) 1,1-Dichloroethane	3.617	63	110350	57.65	ug/l	99
25) 2-Butanone	4.568	43	287599	328.96	ug/l	93
26) 2,2-Dichloropropane	4.483	77	73934	43.51	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	67829	55.61	ug/l	99
28) Bromochloromethane	4.910	49	61213	65.92	ug/l	82
29) Tetrahydrofuran	5.019	42	167906	322.68	ug/l	90
30) Chloroform	5.105	83	112956	57.11	ug/l	99
31) Cyclohexane	5.477	56	68725	44.07	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	89591	53.01	ug/l	98
36) 1,1-Dichloropropene	5.702	75	72163	47.43	ug/l	96
37) Ethyl Acetate	4.727	43	108639	58.25	ug/l	96
38) Carbon Tetrachloride	5.684	117	70260	47.21	ug/l	94
39) Methylcyclohexane	7.385	83	68289	39.58	ug/l	97
40) Benzene	6.044	78	243463	52.01	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	60793	60.93	ug/l	94
42) 1,2-Dichloroethane	6.092	62	91504	55.79	ug/l	99
43) Isopropyl Acetate	6.355	43	179888	58.97	ug/l	94
44) Trichloroethene	7.135	130	55779	47.95	ug/l	98
45) 1,2-Dichloropropane	7.440	63	67265	56.33	ug/l	97
46) Dibromomethane	7.586	93	44941	55.47	ug/l #	85
47) Bromodichloromethane	7.830	83	87734	54.12	ug/l	100
48) Methyl methacrylate	7.696	41	82614	58.76	ug/l	91
49) 1,4-Dioxane	7.665	88	33472	1222.82	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	578979	316.84	ug/l	91
52) Toluene	8.720	92	145849	49.20	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	98554	52.66	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	105608	52.49	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	67546	56.12	ug/l	98
56) Ethyl methacrylate	9.122	69	113660	58.43	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	116497	56.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	283474	269.47	ug/l	97
59) 2-Hexanone	9.433	43	441226	321.04	ug/l	90
60) Dibromochloromethane	9.525	129	61814	52.79	ug/l	98
61) 1,2-Dibromoethane	9.616	107	67055	55.96	ug/l	99
64) Tetrachloroethene	9.281	164	45299	46.24	ug/l	95
65) Chlorobenzene	10.086	112	153399	49.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	58813	54.49	ug/l	97
67) Ethyl Benzene	10.195	91	276101	48.32	ug/l	98
68) m/p-Xylenes	10.305	106	204861	94.87	ug/l	99
69) o-Xylene	10.646	106	104113	49.57	ug/l	99
70) Styrene	10.659	104	178278	51.82	ug/l	98
71) Bromoform	10.805	173	38880	47.09	ug/l #	100
73) Isopropylbenzene	10.964	105	263231	47.71	ug/l	99
74) N-amyl acetate	10.848	43	162447	62.03	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	110027	60.17	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	98485m	61.24	ug/l	
77) Bromobenzene	11.201	156	58625	50.12	ug/l	85
78) n-propylbenzene	11.305	91	310989	48.13	ug/l	98
79) 2-Chlorotoluene	11.366	91	192596	49.14	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	223642	48.91	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	34523	50.87	ug/l	97
82) 4-Chlorotoluene	11.457	91	220024	48.73	ug/l	96
83) tert-Butylbenzene	11.719	119	209200	47.70	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	227757	49.49	ug/l	99
85) sec-Butylbenzene	11.896	105	265333	47.61	ug/l	98
86) p-Isopropyltoluene	12.012	119	221973	47.16	ug/l	96
87) 1,3-Dichlorobenzene	11.976	146	110343	48.92	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	113003	48.47	ug/l	97
89) n-Butylbenzene	12.335	91	204312	46.93	ug/l	97
90) Hexachloroethane	12.542	117	35114	45.14	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	111663	51.54	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22789	58.24	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	67755	51.83	ug/l	95
94) Hexachlorobutadiene	13.725	225	20843	40.85	ug/l	99
95) Naphthalene	13.780	128	293777	57.63	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66967	50.82	ug/l	96

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

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