

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021523.D
 Acq On : 26 Mar 2021 06:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 1:14:39 PM

Quant Time: Mar 26 06:43:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	73957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	125789	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	54454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62102	50.47	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.94%			
35) Dibromofluoromethane	5.464	113	43539	48.73	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.46%			
50) Toluene-d8	8.694	98	152054	47.76	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.52%			
62) 4-Bromofluorobenzene	11.118	95	59066	47.71	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.42%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	40218	49.47	ug/l	100
3) Chloromethane	1.311	50	45601	48.80	ug/l	98
4) Vinyl Chloride	1.393	62	42729	51.39	ug/l	96
5) Bromomethane	1.622	94	17043	50.93	ug/l	99
6) Chloroethane	1.705	64	26981	51.17	ug/l	100
7) Trichlorofluoromethane	1.911	101	71665	52.99	ug/l	98
8) Diethyl Ether	2.170	74	24497	52.20	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.364	101	39590	52.01	ug/l	96
10) Methyl Iodide	2.487	142	24434	42.29	ug/l #	88
11) Tert butyl alcohol	3.023	59	51388	252.60	ug/l	96
12) 1,1-Dichloroethene	2.352	96	37471	50.27	ug/l	81
13) Acrolein	2.275	56	22286	217.75	ug/l	100
14) Allyl chloride	2.705	41	73413	48.53	ug/l #	88
15) Acrylonitrile	3.117	53	129536	267.93	ug/l	97
16) Acetone	2.422	43	124284	267.12	ug/l	88
17) Carbon Disulfide	2.546	76	97292	46.49	ug/l	99
18) Methyl Acetate	2.752	43	77667	57.78	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	151170	54.31	ug/l	98
20) Methylene Chloride	2.834	84	46030	50.70	ug/l #	86
21) trans-1,2-Dichloroethene	3.140	96	42358	51.74	ug/l	89
22) Diisopropyl ether	3.829	45	156878	53.37	ug/l	94
23) Vinyl Acetate	3.787	43	667446	268.47	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	83661	52.80	ug/l	98
25) 2-Butanone	4.635	43	189393	268.53	ug/l #	89
26) 2,2-Dichloropropane	4.552	77	44725	32.58	ug/l	100
27) cis-1,2-Dichloroethene	4.564	96	49476	52.04	ug/l	94
28) Bromochloromethane	4.976	49	39541	49.84	ug/l	85
29) Tetrahydrofuran	5.088	42	122328	267.50	ug/l	86
30) Chloroform	5.176	83	90597	54.17	ug/l	100
31) Cyclohexane	5.546	56	69031	51.02	ug/l	91
32) 1,1,1-Trichloroethane	5.464	97	78593	53.03	ug/l	96
36) 1,1-Dichloropropene	5.764	75	61783	50.13	ug/l	97
37) Ethyl Acetate	4.793	43	72228	50.68	ug/l #	92
38) Carbon Tetrachloride	5.752	117	68400	51.64	ug/l	98
39) Methylcyclohexane	7.441	83	65956	48.27	ug/l	91
40) Benzene	6.111	78	181168	51.76	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	42176	51.03	ug/l	90
42) 1,2-Dichloroethane	6.164	62	78476	51.72	ug/l	93
43) Isopropyl Acetate	6.411	43	120176	51.93	ug/l #	91
44) Trichloroethene	7.188	130	47127	51.03	ug/l	91
45) 1,2-Dichloropropane	7.488	63	49738	52.46	ug/l	96
46) Dibromomethane	7.635	93	35558	51.46	ug/l	91
47) Bromodichloromethane	7.876	83	73076	51.96	ug/l	99
48) Methyl methacrylate	7.747	41	63959	51.81	ug/l #	83
49) 1,4-Dioxane	7.711	88	21625	978.54	ug/l #	86
51) 4-Methyl-2-Pentanone	8.617	43	382145	268.49	ug/l	89
52) Toluene	8.765	92	111392	51.53	ug/l	97
53) t-1,3-Dichloropropene	9.023	75	67545	47.57	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	73642	48.73	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	47475	52.03	ug/l	98
56) Ethyl methacrylate	9.159	69	72788	47.34	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	80770	51.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	199677	258.95	ug/l	96
59) 2-Hexanone	9.470	43	288290	269.74	ug/l	85
60) Dibromochloromethane	9.565	129	54046	52.89	ug/l	99
61) 1,2-Dibromoethane	9.653	107	51083	52.12	ug/l	98
64) Tetrachloroethene	9.318	164	41140	53.09	ug/l	95
65) Chlorobenzene	10.124	112	116867	50.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	46902	52.67	ug/l	99
67) Ethyl Benzene	10.235	91	221599	52.32	ug/l	99
68) m/p-Xylenes	10.341	106	160568	106.40	ug/l	93
69) o-Xylene	10.682	106	75637	51.75	ug/l	91
70) Styrene	10.694	104	132185	52.59	ug/l	95
71) Bromoform	10.841	173	38746	53.54	ug/l #	99
73) Isopropylbenzene	11.000	105	212668	55.59	ug/l	98
74) N-amyl acetate	10.882	43	101036	54.58	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.253	83	74644	55.22	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	70857m	55.89	ug/l	
77) Bromobenzene	11.235	156	49927	52.64	ug/l	93
78) n-propylbenzene	11.341	91	243071	53.80	ug/l	98
79) 2-Chlorotoluene	11.406	91	149624	54.59	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	178508	54.61	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	18860	45.32	ug/l #	81
82) 4-Chlorotoluene	11.494	91	174755	53.70	ug/l	97
83) tert-Butylbenzene	11.753	119	168457	52.93	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	182584	55.41	ug/l	97
85) sec-Butylbenzene	11.930	105	197311	53.75	ug/l	100
86) p-Isopropyltoluene	12.047	119	177119	53.00	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	91923	53.82	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	91229	51.63	ug/l	97
89) n-Butylbenzene	12.371	91	157043	51.29	ug/l	96
90) Hexachloroethane	12.577	117	32534	53.95	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	92511	55.71	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18126	53.08	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	58258	53.53	ug/l	98
94) Hexachlorobutadiene	13.765	225	22567	45.94	ug/l	96
95) Naphthalene	13.818	128	205075	57.77	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	57572	52.92	ug/l	95

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

