

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
 Data File : VX022247.D
 Acq On : 27 May 2021 20:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 2:37:59 PM

Quant Time: May 28 01:36:16 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	92812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	188051	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	79335	55.41	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.82%			
35) Dibromofluoromethane	5.397	113	61563	51.62	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.24%			
50) Toluene-d8	8.653	98	237049	51.60	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.20%			
62) 4-Bromofluorobenzene	11.085	95	90729	53.43	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	51280	45.45	ug/l	100
3) Chloromethane	1.294	50	55827	45.87	ug/l	97
4) Vinyl Chloride	1.374	62	60608	47.06	ug/l	97
5) Bromomethane	1.599	94	32788	43.67	ug/l	95
6) Chloroethane	1.679	64	36585	47.71	ug/l	92
7) Trichlorofluoromethane	1.880	101	87938	47.49	ug/l	97
8) Diethyl Ether	2.136	74	37748	47.40	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	51759	47.07	ug/l	91
10) Methyl Iodide	2.453	142	57541	48.69	ug/l	96
11) Tert butyl alcohol	2.983	59	91517	279.48	ug/l	100
12) 1,1-Dichloroethene	2.319	96	50586	47.56	ug/l	94
13) Acrolein	2.239	56	23544	108.41	ug/l	96
14) Allyl chloride	2.666	41	99461	50.91	ug/l	96
15) Acrylonitrile	3.075	53	178322	276.61	ug/l	100
16) Acetone	2.386	43	161295	258.74	ug/l	95
17) Carbon Disulfide	2.508	76	107588	38.62	ug/l	100
18) Methyl Acetate	2.709	43	92551	55.82	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	188904	51.84	ug/l	99
20) Methylene Chloride	2.794	84	64669	46.72	ug/l #	92
21) trans-1,2-Dichloroethene	3.093	96	56653	48.96	ug/l	98
22) Diisopropyl ether	3.770	45	199075	52.90	ug/l	94
23) Vinyl Acetate	3.733	43	951324	262.57	ug/l	97
24) 1,1-Dichloroethane	3.617	63	112569	50.98	ug/l	99
25) 2-Butanone	4.568	43	278828	276.47	ug/l	92
26) 2,2-Dichloropropane	4.483	77	82903	42.29	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	71672	50.94	ug/l	99
28) Bromochloromethane	4.904	49	63645	59.41	ug/l #	82
29) Tetrahydrofuran	5.019	42	164082	273.35	ug/l	90
30) Chloroform	5.105	83	115588	50.66	ug/l	99
31) Cyclohexane	5.477	56	83845	46.60	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	97925	50.23	ug/l	99
36) 1,1-Dichloropropene	5.702	75	81033	46.60	ug/l	99
37) Ethyl Acetate	4.727	43	106252	49.85	ug/l	96
38) Carbon Tetrachloride	5.684	117	78464	46.13	ug/l	98
39) Methylcyclohexane	7.385	83	84555	42.87	ug/l	96
40) Benzene	6.044	78	256630	47.97	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	57090	50.06	ug/l	94
42) 1,2-Dichloroethane	6.098	62	92607	49.41	ug/l	99
43) Isopropyl Acetate	6.348	43	176630	50.66	ug/l	95
44) Trichloroethene	7.129	130	60974	45.86	ug/l	95
45) 1,2-Dichloropropane	7.440	63	68578	50.25	ug/l	99
46) Dibromomethane	7.586	93	45705	49.36	ug/l #	87
47) Bromodichloromethane	7.830	83	88483	47.75	ug/l	100
48) Methyl methacrylate	7.696	41	82461	51.32	ug/l	91
49) 1,4-Dioxane	7.665	88	34585	1105.49	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	566476	271.23	ug/l	92
52) Toluene	8.720	92	163750	48.33	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	101518	47.46	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	109308	47.54	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	68308	49.66	ug/l	99
56) Ethyl methacrylate	9.122	69	114722	51.61	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	118725	50.56	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	295523	245.79	ug/l	97
59) 2-Hexanone	9.433	43	434478	276.60	ug/l	91
60) Dibromochloromethane	9.525	129	65205	48.73	ug/l	100
61) 1,2-Dibromoethane	9.616	107	70213	51.27	ug/l	98
64) Tetrachloroethene	9.281	164	51320	45.23	ug/l	94
65) Chlorobenzene	10.086	112	169560	47.13	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	61238	48.98	ug/l	98
67) Ethyl Benzene	10.195	91	314876	47.57	ug/l	100
68) m/p-Xylenes	10.305	106	235862	94.29	ug/l	98
69) o-Xylene	10.646	106	117530	48.31	ug/l	100
70) Styrene	10.659	104	199394	50.03	ug/l	99
71) Bromoform	10.805	173	41238	43.24	ug/l #	100
73) Isopropylbenzene	10.963	105	306681	46.04	ug/l	100
74) N-amyl acetate	10.848	43	162364	51.36	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	112253	50.85	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	100813m	51.93	ug/l	
77) Bromobenzene	11.201	156	66412	47.03	ug/l	87
78) n-propylbenzene	11.305	91	365343	46.83	ug/l	99
79) 2-Chlorotoluene	11.366	91	217503	45.97	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	263733	47.78	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	37723	46.04	ug/l	97
82) 4-Chlorotoluene	11.457	91	252888	46.39	ug/l	96
83) tert-Butylbenzene	11.719	119	243707	46.03	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	267367	48.12	ug/l	98
85) sec-Butylbenzene	11.896	105	316299	47.01	ug/l	99
86) p-Isopropyltoluene	12.012	119	267748	47.12	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	127150	46.70	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	128012	45.48	ug/l	96
89) n-Butylbenzene	12.335	91	251012	47.76	ug/l	98
90) Hexachloroethane	12.542	117	42237	44.98	ug/l	74
91) 1,2-Dichlorobenzene	12.335	146	124008	47.42	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24449	51.75	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	76202	48.29	ug/l	96
94) Hexachlorobutadiene	13.731	225	26619	43.21	ug/l	99
95) Naphthalene	13.780	128	328446	53.37	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	76091	47.83	ug/l	97

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

