

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052521\
 Data File : VX022175.D
 Acq On : 25 May 2021 14:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:30:19 AM

Quant Time: May 26 01:57:12 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	82868	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	165808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66055	51.67	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.34%	
35) Dibromofluoromethane	5.397	113	51617	49.09	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.18%	
50) Toluene-d8	8.653	98	204903	50.59	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.18%	
62) 4-Bromofluorobenzene	11.085	95	77388	51.69	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.38%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	50046	49.68	ug/l	99
3) Chloromethane	1.295	50	51050	46.98	ug/l	100
4) Vinyl Chloride	1.374	62	58183	50.60	ug/l	98
5) Bromomethane	1.599	94	25796	38.48	ug/l	100
6) Chloroethane	1.679	64	36151	52.80	ug/l	99
7) Trichlorofluoromethane	1.880	101	83203	50.33	ug/l	95
8) Diethyl Ether	2.136	74	35368	49.74	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	48704	49.61	ug/l	93
10) Methyl Iodide	2.453	142	50667	48.02	ug/l	97
11) Tert butyl alcohol	2.983	59	83248	284.73	ug/l	99
12) 1,1-Dichloroethene	2.319	96	46557	49.02	ug/l	100
13) Acrolein	2.240	56	45576	235.04	ug/l	98
14) Allyl chloride	2.666	41	90727	52.01	ug/l	98
15) Acrylonitrile	3.075	53	163210	283.55	ug/l	99
16) Acetone	2.392	43	156086	280.42	ug/l	98
17) Carbon Disulfide	2.508	76	110979	44.61	ug/l	98
18) Methyl Acetate	2.715	43	83924	56.69	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	170323	52.35	ug/l	99
20) Methylene Chloride	2.794	84	59491	48.14	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	54589	52.84	ug/l	96
22) Diisopropyl ether	3.770	45	178103	53.01	ug/l	# 96
23) Vinyl Acetate	3.733	43	864168	267.14	ug/l	97
24) 1,1-Dichloroethane	3.617	63	104613	53.06	ug/l	99
25) 2-Butanone	4.568	43	257471	285.93	ug/l	95
26) 2,2-Dichloropropane	4.483	77	90256	51.57	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	65590	52.21	ug/l	99
28) Bromochloromethane	4.910	49	48087	50.27	ug/l	85
29) Tetrahydrofuran	5.019	42	148765	277.57	ug/l	91
30) Chloroform	5.105	83	106971	52.51	ug/l	100
31) Cyclohexane	5.477	56	77838	48.46	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	91267	52.43	ug/l	98
36) 1,1-Dichloropropene	5.696	75	76045	49.60	ug/l	99
37) Ethyl Acetate	4.727	43	96487	51.34	ug/l	96
38) Carbon Tetrachloride	5.684	117	74651	49.77	ug/l	98
39) Methylcyclohexane	7.385	83	82687	47.55	ug/l	95
40) Benzene	6.044	78	237132	50.27	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	53031	52.74	ug/l	96
42) 1,2-Dichloroethane	6.099	62	85541	51.76	ug/l	99
43) Isopropyl Acetate	6.349	43	160355	52.16	ug/l	95
44) Trichloroethene	7.129	130	57420	48.98	ug/l	94
45) 1,2-Dichloropropane	7.434	63	63001	52.35	ug/l	99
46) Dibromomethane	7.586	93	41915	51.34	ug/l #	88
47) Bromodichloromethane	7.830	83	83621	51.18	ug/l	99
48) Methyl methacrylate	7.702	41	74600	52.66	ug/l	92
49) 1,4-Dioxane	7.665	88	32851	1190.93	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	514205	279.23	ug/l	92
52) Toluene	8.726	92	151325	50.65	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	97032	51.45	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	104485	51.54	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	64474	53.16	ug/l	97
56) Ethyl methacrylate	9.122	69	104705	53.42	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	108496	52.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	264757	249.74	ug/l	98
59) 2-Hexanone	9.433	43	396056	285.96	ug/l	91
60) Dibromochloromethane	9.525	129	60991	51.69	ug/l	97
61) 1,2-Dibromoethane	9.616	107	64609	53.50	ug/l	98
64) Tetrachloroethene	9.281	164	48709	48.11	ug/l	91
65) Chlorobenzene	10.086	112	159282	49.62	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	58184	52.16	ug/l	98
67) Ethyl Benzene	10.195	91	294301	49.84	ug/l	99
68) m/p-Xylenes	10.305	106	223987	100.36	ug/l	99
69) o-Xylene	10.647	106	110241	50.79	ug/l	98
70) Styrene	10.659	104	187027	52.59	ug/l	99
71) Bromoform	10.805	173	39148	45.91	ug/l #	99
73) Isopropylbenzene	10.964	105	285661	47.84	ug/l	99
74) N-amyl acetate	10.848	43	146723	51.77	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	102793	51.94	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	92612m	53.21	ug/l	
77) Bromobenzene	11.201	156	61305	48.42	ug/l	89
78) n-propylbenzene	11.305	91	345411	49.38	ug/l	98
79) 2-Chlorotoluene	11.366	91	203490	47.97	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	244458	49.39	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	36891	50.22	ug/l	95
82) 4-Chlorotoluene	11.457	91	236015	48.29	ug/l	97
83) tert-Butylbenzene	11.720	119	231576	48.79	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	249315	50.05	ug/l	99
85) sec-Butylbenzene	11.896	105	298545	49.50	ug/l	98
86) p-Isopropyltoluene	12.012	119	253931	49.84	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	118592	48.58	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	118589	47.00	ug/l	97
89) n-Butylbenzene	12.335	91	240124	50.96	ug/l	98
90) Hexachloroethane	12.543	117	41022	48.72	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	119229	50.85	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22909	54.09	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	70515	49.84	ug/l	97
94) Hexachlorobutadiene	13.725	225	26017	47.11	ug/l	97
95) Naphthalene	13.780	128	294358	53.35	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	71948	50.45	ug/l	98

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

