

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022037.D
 Acq On : 17 May 2021 16:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:56:44 PM

Quant Time: May 18 02:20:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	84412	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	160842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66261	47.70	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.40%
35) Dibromofluoromethane	5.391	113	53253	48.31	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.62%
50) Toluene-d8	8.653	98	200936	47.77	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.54%
62) 4-Bromofluorobenzene	11.085	95	77570	46.73	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.46%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	54393	48.94	ug/l	100
3) Chloromethane	1.294	50	59400	44.51	ug/l	99
4) Vinyl Chloride	1.374	62	65335	42.40	ug/l	100
5) Bromomethane	1.611	94	31475	55.97	ug/l	97
6) Chloroethane	1.685	64	40835	50.94	ug/l	98
7) Trichlorofluoromethane	1.886	101	92891	43.72	ug/l	96
8) Diethyl Ether	2.136	74	38806	43.52	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	54083	50.06	ug/l	91
10) Methyl Iodide	2.453	142	50898	39.65	ug/l	95
11) Tert butyl alcohol	2.977	59	68261	184.16	ug/l	98
12) 1,1-Dichloroethene	2.319	96	51791	45.24	ug/l	98
13) Acrolein	2.239	56	40942	270.45	ug/l	99
14) Allyl chloride	2.666	41	97648	46.56	ug/l	97
15) Acrylonitrile	3.069	53	155060	222.63	ug/l	100
16) Acetone	2.386	43	164599	264.18	ug/l	96
17) Carbon Disulfide	2.514	76	137092	43.07	ug/l	98
18) Methyl Acetate	2.709	43	80277	46.47	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	177004	48.24	ug/l	96
20) Methylene Chloride	2.794	84	61740	48.06	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	58986	48.29	ug/l	94
22) Diisopropyl ether	3.764	45	180394	46.19	ug/l	91
23) Vinyl Acetate	3.727	43	877737	228.40	ug/l	96
24) 1,1-Dichloroethane	3.611	63	108503	48.33	ug/l	99
25) 2-Butanone	4.562	43	248756	232.01	ug/l	96
26) 2,2-Dichloropropane	4.477	77	97028	48.29	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	69296	48.06	ug/l	99
28) Bromochloromethane	4.904	49	51037	49.76	ug/l	83
29) Tetrahydrofuran	5.013	42	136118	213.65	ug/l	93
30) Chloroform	5.099	83	111302	48.61	ug/l	99
31) Cyclohexane	5.471	56	87685	47.78	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	96407	47.98	ug/l	99
36) 1,1-Dichloropropene	5.696	75	81836	48.00	ug/l	99
37) Ethyl Acetate	4.721	43	93942	45.61	ug/l	96
38) Carbon Tetrachloride	5.678	117	80293	47.10	ug/l	99
39) Methylcyclohexane	7.385	83	95165	49.73	ug/l	98
40) Benzene	6.044	78	245951	47.91	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49962	44.92	ug/l	96
42) 1,2-Dichloroethane	6.092	62	88139	50.10	ug/l	99
43) Isopropyl Acetate	6.348	43	156763	45.00	ug/l	95
44) Trichloroethene	7.129	130	61742	49.50	ug/l	89
45) 1,2-Dichloropropane	7.434	63	64946	48.31	ug/l	100
46) Dibromomethane	7.586	93	43368	47.68	ug/l	88
47) Bromodichloromethane	7.824	83	87995	47.97	ug/l	97
48) Methyl methacrylate	7.696	41	72677	45.34	ug/l	92
49) 1,4-Dioxane	7.677	88	26723	792.45	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	478850	220.73	ug/l	92
52) Toluene	8.720	92	157875	48.18	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	102880	48.13	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	108563	48.48	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	64643	49.35	ug/l	98
56) Ethyl methacrylate	9.122	69	104370	45.35	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	110369	49.25	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	265213	235.32	ug/l	99
59) 2-Hexanone	9.433	43	365263	218.57	ug/l	92
60) Dibromochloromethane	9.525	129	65161	46.16	ug/l	98
61) 1,2-Dibromoethane	9.616	107	65823	48.18	ug/l	98
64) Tetrachloroethene	9.275	164	51574	55.87	ug/l	90
65) Chlorobenzene	10.086	112	165069	49.62	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	59413	48.65	ug/l	98
67) Ethyl Benzene	10.195	91	305268	49.80	ug/l	97
68) m/p-Xylenes	10.305	106	230827	98.52	ug/l	100
69) o-Xylene	10.646	106	111031	47.48	ug/l	99
70) Styrene	10.659	104	187974	48.36	ug/l	98
71) Bromoform	10.805	173	42298	45.53	ug/l #	98
73) Isopropylbenzene	10.963	105	298470	51.45	ug/l	100
74) N-amyl acetate	10.848	43	138401	44.51	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.219	83	97218	45.17	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	88523m	48.53	ug/l	
77) Bromobenzene	11.201	156	64312	51.46	ug/l	91
78) n-propylbenzene	11.305	91	351655	51.17	ug/l	99
79) 2-Chlorotoluene	11.366	91	205881	49.44	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	249564	50.05	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	37461	47.63	ug/l	93
82) 4-Chlorotoluene	11.457	91	239020	49.59	ug/l	97
83) tert-Butylbenzene	11.719	119	236551	48.95	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	252288	50.45	ug/l	100
85) sec-Butylbenzene	11.896	105	308172	51.94	ug/l	99
86) p-Isopropyltoluene	12.012	119	262232	51.86	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	121997	51.67	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	121521	49.75	ug/l	96
89) n-Butylbenzene	12.335	91	246496	52.86	ug/l	98
90) Hexachloroethane	12.542	117	44135	48.28	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	116094	49.82	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21883	46.72	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	73683	52.50	ug/l	98
94) Hexachlorobutadiene	13.731	225	28290	51.66	ug/l	98
95) Naphthalene	13.780	128	289462	50.33	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	73080	51.36	ug/l	97

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

