

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021955.D
 Acq On : 13 May 2021 10:04
 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
 5/14/2021 6:48:08 PM

Quant Time: May 14 04:34:15 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	92845	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	174439	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71305	46.67	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.34%		
35) Dibromofluoromethane	5.391	113	57300	47.93	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.86%		
50) Toluene-d8	8.653	98	225489	49.43	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.86%		
62) 4-Bromofluorobenzene	11.085	95	86671	48.14	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.28%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	62856	51.42	ug/l	97
3) Chloromethane	1.294	50	68106	46.40	ug/l	99
4) Vinyl Chloride	1.374	62	74564	43.99	ug/l	98
5) Bromomethane	1.599	94	32585	52.68	ug/l	94
6) Chloroethane	1.679	64	46066	52.25	ug/l	98
7) Trichlorofluoromethane	1.886	101	103067	44.11	ug/l	96
8) Diethyl Ether	2.136	74	43504	44.36	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	59570	50.14	ug/l	93
10) Methyl Iodide	2.453	142	68578	48.56	ug/l	96
11) Tert butyl alcohol	2.965	59	78143	191.67	ug/l	100
12) 1,1-Dichloroethene	2.319	96	56537	44.90	ug/l	99
13) Acrolein	2.233	56	32671	192.88	ug/l	96
14) Allyl chloride	2.666	41	104684	45.38	ug/l	97
15) Acrylonitrile	3.062	53	163036	212.82	ug/l	99
16) Acetone	2.380	43	160094	233.61	ug/l	97
17) Carbon Disulfide	2.514	76	159658	45.60	ug/l	99
18) Methyl Acetate	2.703	43	80695	42.47	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	194541	48.20	ug/l	99
20) Methylene Chloride	2.788	84	68010	48.13	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	64831	48.26	ug/l	99
22) Diisopropyl ether	3.764	45	196915	45.84	ug/l	97
23) Vinyl Acetate	3.721	43	950106	224.77	ug/l	98
24) 1,1-Dichloroethane	3.611	63	117014	47.39	ug/l	99
25) 2-Butanone	4.556	43	262969	222.99	ug/l	95
26) 2,2-Dichloropropane	4.477	77	107150	48.49	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	74781	47.15	ug/l	99
28) Bromochloromethane	4.904	49	54775	48.56	ug/l	85
29) Tetrahydrofuran	5.007	42	144704	206.49	ug/l	93
30) Chloroform	5.093	83	119087	47.29	ug/l	97
31) Cyclohexane	5.471	56	96783	47.95	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	105115	47.56	ug/l	99
36) 1,1-Dichloropropene	5.696	75	91083	49.26	ug/l	100
37) Ethyl Acetate	4.715	43	99858	44.70	ug/l	95
38) Carbon Tetrachloride	5.678	117	92580	50.07	ug/l	99
39) Methylcyclohexane	7.385	83	104701	50.45	ug/l	97
40) Benzene	6.037	78	272213	48.89	ug/l	100

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41) Methacrylonitrile	4.922	41	53711	44.52	ug/l	96
42) 1,2-Dichloroethane	6.086	62	94638	49.60	ug/l	99
43) Isopropyl Acetate	6.342	43	169041	44.74	ug/l	96
44) Trichloroethene	7.129	130	68080	50.33	ug/l	92
45) 1,2-Dichloropropane	7.434	63	69793	47.87	ug/l	97
46) Dibromomethane	7.586	93	47410	48.06	ug/l	89
47) Bromodichloromethane	7.824	83	97447	48.98	ug/l	98
48) Methyl methacrylate	7.696	41	79894	45.95	ug/l	93
49) 1,4-Dioxane	7.659	88	29637	810.36	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	515124	218.94	ug/l	93
52) Toluene	8.720	92	175340	49.33	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	113416	48.92	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	120283	49.53	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	70138	49.37	ug/l	99
56) Ethyl methacrylate	9.116	69	115009	46.08	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	118953	48.95	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	322845	264.12	ug/l	98
59) 2-Hexanone	9.433	43	400486	220.97	ug/l	92
60) Dibromochloromethane	9.525	129	73248	47.84	ug/l	99
61) 1,2-Dibromoethane	9.610	107	72536	48.96	ug/l	98
64) Tetrachloroethene	9.275	164	59816	58.66	ug/l	91
65) Chlorobenzene	10.079	112	184438	50.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	65833	48.81	ug/l	97
67) Ethyl Benzene	10.195	91	337258	49.81	ug/l	99
68) m/p-Xylenes	10.305	106	256016	98.92	ug/l	100
69) o-Xylene	10.646	106	124181	48.08	ug/l	99
70) Styrene	10.659	104	210142	48.94	ug/l	98
71) Bromoform	10.805	173	48892	47.65	ug/l #	99
73) Isopropylbenzene	10.963	105	328455	51.04	ug/l	100
74) N-amyl acetate	10.848	43	151964	44.06	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	106831	44.75	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	97463m	48.17	ug/l	
77) Bromobenzene	11.201	156	69806	50.36	ug/l	89
78) n-propylbenzene	11.305	91	389534	51.10	ug/l	99
79) 2-Chlorotoluene	11.366	91	227657	49.29	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	278433	50.34	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	41465	47.53	ug/l	94
82) 4-Chlorotoluene	11.457	91	267111	49.96	ug/l	98
83) tert-Butylbenzene	11.719	119	264358	49.32	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	283469	51.10	ug/l	99
85) sec-Butylbenzene	11.896	105	337612	51.30	ug/l	100
86) p-Isopropyltoluene	12.012	119	290412	51.78	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	136400	52.08	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	136320	50.31	ug/l	97
89) n-Butylbenzene	12.335	91	276355	53.42	ug/l	98
90) Hexachloroethane	12.542	117	49623	48.94	ug/l	77
91) 1,2-Dichlorobenzene	12.341	146	130427	50.46	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23554	45.32	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	80836	51.92	ug/l	97
94) Hexachlorobutadiene	13.725	225	33733	55.53	ug/l	99
95) Naphthalene	13.780	128	307658	48.22	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	80984	51.32	ug/l	97

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

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