

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
 Data File : VX022224.D
 Acq On : 27 May 2021 11:50
 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
 5/28/2021 2:37:36 PM

Quant Time: May 27 13:39:29 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	5.556	168	96611	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	184775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	75353	50.56	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.12%			
35) Dibromofluoromethane	5.385	113	58477	49.91	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.82%			
50) Toluene-d8	8.653	98	228185	50.55	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.10%			
62) 4-Bromofluorobenzene	11.085	95	87051	52.18	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	54566	46.46	ug/l	95
3) Chloromethane	1.295	50	56351	44.48	ug/l	99
4) Vinyl Chloride	1.374	62	60033	44.78	ug/l	99
5) Bromomethane	1.599	94	39709	50.81	ug/l	93
6) Chloroethane	1.685	64	38447	48.17	ug/l	99
7) Trichlorofluoromethane	1.886	101	92157	47.81	ug/l	97
8) Diethyl Ether	2.136	74	37833	45.64	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	56020	48.94	ug/l	92
10) Methyl Iodide	2.453	142	63580	51.69	ug/l	97
11) Tert butyl alcohol	2.977	59	84670	248.40	ug/l	100
12) 1,1-Dichloroethene	2.319	96	53443	48.27	ug/l	98
13) Acrolein	2.239	56	22991	101.70	ug/l	96
14) Allyl chloride	2.666	41	100269	49.30	ug/l	98
15) Acrylonitrile	3.069	53	174452	259.97	ug/l	100
16) Acetone	2.386	43	182199	280.77	ug/l	99
17) Carbon Disulfide	2.514	76	119271	41.13	ug/l	99
18) Methyl Acetate	2.709	43	89744	52.00	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	189958	50.08	ug/l	98
20) Methylene Chloride	2.794	84	64702	44.91	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	58485	48.56	ug/l	97
22) Diisopropyl ether	3.770	45	196973	50.29	ug/l	94
23) Vinyl Acetate	3.727	43	950527	252.04	ug/l	96
24) 1,1-Dichloroethane	3.611	63	114219	49.69	ug/l	98
25) 2-Butanone	4.562	43	282768	269.35	ug/l	93
26) 2,2-Dichloropropane	4.477	77	102103	50.04	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	72310	49.37	ug/l	99
28) Bromochloromethane	4.898	49	59228	53.11	ug/l	83
29) Tetrahydrofuran	5.013	42	157054	251.35	ug/l	91
30) Chloroform	5.099	83	118065	49.71	ug/l	99
31) Cyclohexane	5.477	56	88407	47.21	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	100447	49.49	ug/l	99
36) 1,1-Dichloropropene	5.696	75	84560	49.49	ug/l	99
37) Ethyl Acetate	4.721	43	103425	49.38	ug/l	95
38) Carbon Tetrachloride	5.684	117	83121	49.73	ug/l	98
39) Methylcyclohexane	7.385	83	94076	48.55	ug/l	95
40) Benzene	6.044	78	260656	49.58	ug/l	96

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41) Methacrylonitrile	4.928	41	57177	51.03	ug/l	95
42) 1,2-Dichloroethane	6.092	62	91784	49.83	ug/l	99
43) Isopropyl Acetate	6.348	43	173784	50.73	ug/l	94
44) Trichloroethene	7.129	130	64221	49.16	ug/l	99
45) 1,2-Dichloropropane	7.434	63	69075	51.51	ug/l	97
46) Dibromomethane	7.580	93	45894	50.44	ug/l #	87
47) Bromodichloromethane	7.824	83	90511	49.71	ug/l	100
48) Methyl methacrylate	7.696	41	81207	51.43	ug/l	93
49) 1,4-Dioxane	7.665	88	33751	1097.96	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	550186	268.10	ug/l	91
52) Toluene	8.720	92	167817	50.41	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	106546	50.70	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	114032	50.47	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	69998	51.79	ug/l	99
56) Ethyl methacrylate	9.116	69	114534	52.43	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	118902	51.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	286447	242.47	ug/l	97
59) 2-Hexanone	9.433	43	430422	278.87	ug/l	90
60) Dibromochloromethane	9.525	129	66695	50.72	ug/l	98
61) 1,2-Dibromoethane	9.610	107	70037	52.05	ug/l	99
64) Tetrachloroethene	9.275	164	52222	47.12	ug/l	92
65) Chlorobenzene	10.079	112	175883	50.05	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	61582	50.44	ug/l	98
67) Ethyl Benzene	10.195	91	325465	50.35	ug/l	99
68) m/p-Xylenes	10.305	106	244448	100.06	ug/l	100
69) o-Xylene	10.646	106	119160	50.15	ug/l	99
70) Styrene	10.659	104	203061	52.17	ug/l	99
71) Bromoform	10.805	173	42148	45.18	ug/l #	99
73) Isopropylbenzene	10.964	105	317419	48.15	ug/l	99
74) N-amyl acetate	10.848	43	161212	51.52	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	112984	51.71	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	101504m	52.83	ug/l	
77) Bromobenzene	11.201	156	68548	49.04	ug/l	88
78) n-propylbenzene	11.305	91	384548	49.81	ug/l	98
79) 2-Chlorotoluene	11.366	91	226087	48.28	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	272495	49.88	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	39074	48.18	ug/l	99
82) 4-Chlorotoluene	11.457	91	261999	48.56	ug/l	97
83) tert-Butylbenzene	11.719	119	256817	49.01	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	274323	49.88	ug/l	98
85) sec-Butylbenzene	11.896	105	334168	50.19	ug/l	98
86) p-Isopropyltoluene	12.012	119	283131	50.35	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	133230	49.44	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	133166	47.81	ug/l	96
89) n-Butylbenzene	12.335	91	273733	52.62	ug/l	98
90) Hexachloroethane	12.542	117	45877	49.36	ug/l	73
91) 1,2-Dichlorobenzene	12.341	146	128804	49.76	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23960	51.25	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	78795	50.45	ug/l	97
94) Hexachlorobutadiene	13.725	225	28596	46.91	ug/l	95
95) Naphthalene	13.780	128	318609	52.31	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	77804	49.42	ug/l	96

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

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