

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022214.D
 Acq On : 26 May 2021 21:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 2:34:32 PM

Quant Time: May 27 04:11:42 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	74613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	150912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61209	53.18	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.36%			
35) Dibromofluoromethane	5.397	113	45891	47.95	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.90%			
50) Toluene-d8	8.653	98	181266	49.17	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.34%			
62) 4-Bromofluorobenzene	11.085	95	68804	50.49	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.98%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44785	49.37	ug/l	96
3) Chloromethane	1.294	50	47983	49.04	ug/l	97
4) Vinyl Chloride	1.374	62	51229	49.48	ug/l	98
5) Bromomethane	1.599	94	26682	44.20	ug/l	99
6) Chloroethane	1.678	64	33626	54.55	ug/l	97
7) Trichlorofluoromethane	1.880	101	77445	52.02	ug/l	94
8) Diethyl Ether	2.136	74	31918	49.86	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	43261	48.94	ug/l	93
10) Methyl Iodide	2.453	142	51064	53.75	ug/l	96
11) Tert butyl alcohol	2.983	59	78736	299.10	ug/l	99
12) 1,1-Dichloroethene	2.319	96	45608	53.33	ug/l	99
13) Acrolein	2.239	56	41099	235.40	ug/l	99
14) Allyl chloride	2.666	41	83068	52.89	ug/l	97
15) Acrylonitrile	3.075	53	155061	299.20	ug/l	99
16) Acetone	2.392	43	139229	277.81	ug/l	98
17) Carbon Disulfide	2.514	76	99011	44.21	ug/l	99
18) Methyl Acetate	2.709	43	79740	59.83	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	164042	56.00	ug/l	99
20) Methylene Chloride	2.788	84	55983	50.31	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	49798	53.54	ug/l	97
22) Diisopropyl ether	3.769	45	168730	55.78	ug/l	93
23) Vinyl Acetate	3.733	43	820318	281.64	ug/l	97
24) 1,1-Dichloroethane	3.617	63	97248	54.78	ug/l	99
25) 2-Butanone	4.568	43	242508	299.11	ug/l	94
26) 2,2-Dichloropropane	4.483	77	65888	41.81	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	62269	55.05	ug/l	97
28) Bromochloromethane	4.910	49	45664	53.02	ug/l	82
29) Tetrahydrofuran	5.019	42	140078	290.28	ug/l	91
30) Chloroform	5.105	83	101177	55.16	ug/l	97
31) Cyclohexane	5.470	56	71872	49.69	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	84048	53.62	ug/l	98
36) 1,1-Dichloropropene	5.702	75	70029	50.18	ug/l	99
37) Ethyl Acetate	4.727	43	91636	53.57	ug/l	95
38) Carbon Tetrachloride	5.684	117	69775	51.11	ug/l	98
39) Methylcyclohexane	7.385	83	73640	46.53	ug/l	98
40) Benzene	6.043	78	221899	51.68	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48479	52.97	ug/l	96
42) 1,2-Dichloroethane	6.098	62	79702	52.98	ug/l	100
43) Isopropyl Acetate	6.348	43	151647	54.20	ug/l	95
44) Trichloroethene	7.129	130	54135	50.74	ug/l	94
45) 1,2-Dichloropropane	7.433	63	59738	54.54	ug/l	97
46) Dibromomethane	7.586	93	40200	54.10	ug/l #	87
47) Bromodichloromethane	7.830	83	78472	52.77	ug/l	98
48) Methyl methacrylate	7.696	41	71119	55.15	ug/l	91
49) 1,4-Dioxane	7.665	88	30360	1209.26	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	486924	290.52	ug/l	92
52) Toluene	8.726	92	141167	51.92	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	86361	50.31	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	93133	50.47	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	59343	53.76	ug/l	99
56) Ethyl methacrylate	9.122	69	99622	55.84	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	102740	54.52	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	248623	257.67	ug/l	97
59) 2-Hexanone	9.433	43	373077	295.96	ug/l	91
60) Dibromochloromethane	9.525	129	57092	53.16	ug/l	98
61) 1,2-Dibromoethane	9.616	107	61065	55.56	ug/l	98
64) Tetrachloroethene	9.281	164	43010	47.13	ug/l #	89
65) Chlorobenzene	10.085	112	148821	51.44	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	53712	53.42	ug/l	98
67) Ethyl Benzene	10.195	91	270423	50.81	ug/l	98
68) m/p-Xylenes	10.305	106	202771	100.80	ug/l	98
69) o-Xylene	10.646	106	102495	52.39	ug/l	97
70) Styrene	10.659	104	170962	53.34	ug/l	98
71) Bromoform	10.805	173	35575	46.28	ug/l #	99
73) Isopropylbenzene	10.963	105	265418	49.80	ug/l	100
74) N-amyl acetate	10.848	43	139213	55.03	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	97686	55.30	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	86003m	55.36	ug/l	
77) Bromobenzene	11.201	156	56489	49.99	ug/l	88
78) n-propylbenzene	11.305	91	311863	49.96	ug/l	99
79) 2-Chlorotoluene	11.366	91	187766	49.59	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	221199	50.08	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	31049	47.36	ug/l	98
82) 4-Chlorotoluene	11.457	91	214264	49.12	ug/l	98
83) tert-Butylbenzene	11.719	119	214552	50.65	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	225346	50.68	ug/l	99
85) sec-Butylbenzene	11.896	105	272560	50.63	ug/l	98
86) p-Isopropyltoluene	12.012	119	228544	50.27	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	110279	50.62	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	108280	48.08	ug/l	95
89) n-Butylbenzene	12.335	91	210715	50.10	ug/l	98
90) Hexachloroethane	12.542	117	37903	50.44	ug/l	73
91) 1,2-Dichlorobenzene	12.341	146	109960	52.54	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21025	55.62	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	63753	50.49	ug/l	97
94) Hexachlorobutadiene	13.725	225	22994	46.65	ug/l	99
95) Naphthalene	13.780	128	271964	55.22	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66545	52.28	ug/l	96

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

