

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022163.D
 Acq On : 24 May 2021 21:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 5:59:45 PM

Quant Time: May 25 02:11:47 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	83391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	167189	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66671	51.83	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.66%			
35) Dibromofluoromethane	5.391	113	51428	48.51	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.02%			
50) Toluene-d8	8.653	98	204230	50.01	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.02%			
62) 4-Bromofluorobenzene	11.085	95	77428	51.29	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.58%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51117	50.42	ug/l	99
3) Chloromethane	1.294	50	54091	49.46	ug/l	98
4) Vinyl Chloride	1.374	62	62309	53.85	ug/l	97
5) Bromomethane	1.599	94	25782	38.22	ug/l	99
6) Chloroethane	1.679	64	38282	55.56	ug/l	97
7) Trichlorofluoromethane	1.880	101	87991	52.89	ug/l	99
8) Diethyl Ether	2.136	74	37101	51.85	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	49969	50.58	ug/l	93
10) Methyl Iodide	2.453	142	51155	48.18	ug/l	97
11) Tert butyl alcohol	2.983	59	86946	295.52	ug/l	99
12) 1,1-Dichloroethene	2.319	96	49305	51.59	ug/l	97
13) Acrolein	2.245	56	47694	244.42	ug/l	97
14) Allyl chloride	2.666	41	94465	53.81	ug/l	97
15) Acrylonitrile	3.075	53	170858	294.97	ug/l	100
16) Acetone	2.392	43	152322	271.95	ug/l	97
17) Carbon Disulfide	2.508	76	118451	47.32	ug/l	100
18) Methyl Acetate	2.715	43	87588	58.80	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	181764	55.52	ug/l	98
20) Methylene Chloride	2.794	84	63113	50.75	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	56555	54.40	ug/l	99
22) Diisopropyl ether	3.770	45	189319	55.99	ug/l	93
23) Vinyl Acetate	3.733	43	910810	279.79	ug/l	97
24) 1,1-Dichloroethane	3.617	63	109152	55.01	ug/l	97
25) 2-Butanone	4.568	43	265966	293.51	ug/l	94
26) 2,2-Dichloropropane	4.483	77	76033	43.17	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	68684	54.33	ug/l	98
28) Bromochloromethane	4.910	49	49529	51.46	ug/l	85
29) Tetrahydrofuran	5.019	42	157914	292.79	ug/l	91
30) Chloroform	5.105	83	110648	53.97	ug/l	99
31) Cyclohexane	5.477	56	83672	51.76	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	94535	53.97	ug/l	99
36) 1,1-Dichloropropene	5.696	75	77883	50.38	ug/l	99
37) Ethyl Acetate	4.727	43	101897	53.77	ug/l	95
38) Carbon Tetrachloride	5.684	117	78431	51.86	ug/l	98
39) Methylcyclohexane	7.385	83	83314	47.52	ug/l	97
40) Benzene	6.050	78	247775	52.09	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	55749	54.99	ug/l	94
42) 1,2-Dichloroethane	6.098	62	87644	52.59	ug/l	99
43) Isopropyl Acetate	6.348	43	170945	55.15	ug/l	95
44) Trichloroethene	7.129	130	60288	51.00	ug/l	95
45) 1,2-Dichloropropane	7.440	63	66155	54.52	ug/l	94
46) Dibromomethane	7.586	93	43676	53.06	ug/l #	88
47) Bromodichloromethane	7.830	83	87286	52.99	ug/l	99
48) Methyl methacrylate	7.702	41	79461	55.62	ug/l	93
49) 1,4-Dioxane	7.665	88	33077	1189.22	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	536960	289.18	ug/l	93
52) Toluene	8.726	92	156267	51.87	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	96913	50.97	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	104977	51.35	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	65852	53.85	ug/l	99
56) Ethyl methacrylate	9.122	69	107922	54.60	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	112588	53.92	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	275550	257.78	ug/l	98
59) 2-Hexanone	9.433	43	413670	296.21	ug/l	91
60) Dibromochloromethane	9.525	129	63107	53.04	ug/l	98
61) 1,2-Dibromoethane	9.616	107	66249	54.41	ug/l	100
64) Tetrachloroethene	9.281	164	49531	48.86	ug/l	93
65) Chlorobenzene	10.086	112	165978	51.63	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	59882	53.61	ug/l	99
67) Ethyl Benzene	10.195	91	304907	51.56	ug/l	100
68) m/p-Xylenes	10.305	106	228135	102.08	ug/l	98
69) o-Xylene	10.646	106	114088	52.49	ug/l	100
70) Styrene	10.659	104	191939	53.90	ug/l	99
71) Bromoform	10.805	173	41668	48.72	ug/l #	99
73) Isopropylbenzene	10.963	105	296107	49.99	ug/l	100
74) N-amyl acetate	10.848	43	156346	55.61	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	107834	54.92	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	94926m	54.98	ug/l	
77) Bromobenzene	11.201	156	63719	50.73	ug/l	87
78) n-propylbenzene	11.311	91	348969	50.30	ug/l	100
79) 2-Chlorotoluene	11.366	91	208618	49.57	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	249838	50.89	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	35428	48.62	ug/l	97
82) 4-Chlorotoluene	11.457	91	241882	49.89	ug/l	97
83) tert-Butylbenzene	11.719	119	238956	50.75	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	256331	51.87	ug/l	99
85) sec-Butylbenzene	11.896	105	306327	51.20	ug/l	98
86) p-Isopropyltoluene	12.012	119	254871	50.43	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	121273	50.08	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	123406	49.30	ug/l	96
89) n-Butylbenzene	12.335	91	236162	50.52	ug/l	99
90) Hexachloroethane	12.542	117	41580	49.78	ug/l	75
91) 1,2-Dichlorobenzene	12.341	146	122417	52.63	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24766	58.95	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	71681	51.07	ug/l	95
94) Hexachlorobutadiene	13.731	225	25955	47.38	ug/l	97
95) Naphthalene	13.780	128	303137	55.38	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	71694	50.67	ug/l	97

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

