

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
 Data File : VX020718.D
 Acq On : 25 Jan 2021 11:25
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/27/2021 1:15:54 PM

Quant Time: Jan 25 12:00:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 11:57:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	311308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	508964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	474645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	243103	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	206874	48.72	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.44%
35) Dibromofluoromethane	5.464	113	171456	48.90	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.80%
50) Toluene-d8	8.696	98	622026	49.27	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.54%
62) 4-Bromofluorobenzene	11.122	95	246776	51.21	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.42%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	247023	57.39	ug/l	99
3) Chloromethane	1.313	50	227985	52.96	ug/l	100
4) Vinyl Chloride	1.392	62	230109	52.35	ug/l	100
5) Bromomethane	1.624	94	98275	48.80	ug/l	98
6) Chloroethane	1.703	64	131174	42.67	ug/l	100
7) Trichlorofluoromethane	1.910	101	304459	48.46	ug/l	99
8) Diethyl Ether	2.166	74	109692	49.23	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.361	101	153644	45.68	ug/l	98
10) Methyl Iodide	2.489	142	224263	49.33	ug/l	94
11) Tert butyl alcohol	3.020	59	201992	261.52	ug/l	99
12) 1,1-Dichloroethene	2.355	96	151313	46.15	ug/l	95
13) Acrolein	2.270	56	154684	325.76	ug/l	99
14) Allyl chloride	2.703	41	285035	55.58	ug/l	93
15) Acrylonitrile	3.117	53	521448	274.64	ug/l	100
16) Acetone	2.422	43	402554	244.76	ug/l	100
17) Carbon Disulfide	2.544	76	472393	49.80	ug/l	99
18) Methyl Acetate	2.745	43	217818	56.58	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	594094	53.78	ug/l	99
20) Methylene Chloride	2.831	84	199439	49.48	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	187599	50.50	ug/l	97
22) Diisopropyl ether	3.825	45	582813	57.05	ug/l	95
23) Vinyl Acetate	3.782	43	2436334	281.65	ug/l	98
24) 1,1-Dichloroethane	3.666	63	342020	52.17	ug/l	98
25) 2-Butanone	4.635	43	651277	267.92	ug/l	98
26) 2,2-Dichloropropane	4.550	77	270968	49.15	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	211767	50.40	ug/l	99
28) Bromochloromethane	4.977	49	131912	48.43	ug/l	95
29) Tetrahydrofuran	5.086	42	430969	282.81	ug/l	96
30) Chloroform	5.178	83	351576	50.51	ug/l	100
31) Cyclohexane	5.544	56	293730	52.52	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	311074	50.83	ug/l	99
36) 1,1-Dichloropropene	5.769	75	255495	50.03	ug/l	98
37) Ethyl Acetate	4.794	43	252253	53.13	ug/l	97
38) Carbon Tetrachloride	5.751	117	275989	50.51	ug/l	96
39) Methylcyclohexane	7.440	83	301698	51.92	ug/l	98
40) Benzene	6.111	78	770513	51.21	ug/l	97
41) Methacrylonitrile	5.001	41	140390	54.36	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.159	62	275095	49.06	ug/l	99
43) Isopropyl Acetate	6.409	43	399151	54.23	ug/l	98
44) Trichloroethene	7.184	130	202512	49.73	ug/l	99
45) 1,2-Dichloropropane	7.488	63	201137	52.87	ug/l	99
46) Dibromomethane	7.635	93	135093	49.66	ug/l	96
47) Bromodichloromethane	7.873	83	283794	51.51	ug/l	99
48) Methyl methacrylate	7.745	41	206047	56.28	ug/l	96
49) 1,4-Dioxane	7.714	88	99106	1177.58	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	1318059	284.69	ug/l	98
52) Toluene	8.763	92	483117	52.22	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	300696	53.38	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	328342	52.96	ug/l	96
55) 1,1,2-Trichloroethane	9.195	97	199269	50.90	ug/l	99
56) Ethyl methacrylate	9.159	69	294187	57.12	ug/l	98
57) 1,3-Dichloropropane	9.354	76	338486	52.32	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	719400	256.26	ug/l	99
59) 2-Hexanone	9.470	43	999078	288.39	ug/l	98
60) Dibromochloromethane	9.561	129	222071	52.46	ug/l	98
61) 1,2-Dibromoethane	9.653	107	208282	51.80	ug/l	99
64) Tetrachloroethene	9.317	164	188936	49.86	ug/l	97
65) Chlorobenzene	10.122	112	517177	50.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	197750	51.04	ug/l	99
67) Ethyl Benzene	10.232	91	942670	53.95	ug/l	98
68) m/p-Xylenes	10.342	106	704781	108.50	ug/l	96
69) o-Xylene	10.683	106	335311	53.82	ug/l	96
70) Styrene	10.695	104	592934	57.00	ug/l	99
71) Bromoform	10.835	173	161863	53.32	ug/l #	99
73) Isopropylbenzene	11.000	105	927564	53.83	ug/l	100
74) N-amyl acetate	10.878	43	357181	57.76	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	299746	48.88	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	293605m	50.58	ug/l	
77) Bromobenzene	11.238	156	222383	50.65	ug/l	97
78) n-propylbenzene	11.341	91	1073341	54.40	ug/l	100
79) 2-Chlorotoluene	11.402	91	646960	53.24	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	809073	56.00	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	101834	50.72	ug/l	98
82) 4-Chlorotoluene	11.494	91	762830	53.09	ug/l	97
83) tert-Butylbenzene	11.750	119	774925	55.12	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	819584	55.85	ug/l	99
85) sec-Butylbenzene	11.927	105	904416	55.51	ug/l	100
86) p-Isopropyltoluene	12.049	119	838260	55.72	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	415306	51.42	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	410579	50.19	ug/l	98
89) n-Butylbenzene	12.372	91	751291	56.87	ug/l	99
90) Hexachloroethane	12.579	117	146407	53.62	ug/l	92
91) 1,2-Dichlorobenzene	12.372	146	394120	50.09	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	64306	47.70	ug/l	94
93) 1,2,4-Trichlorobenzene	13.628	180	260244	52.26	ug/l	97
94) Hexachlorobutadiene	13.762	225	117403	48.91	ug/l	96
95) Naphthalene	13.817	128	882838	58.36	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	253947	51.47	ug/l	95

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