

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020549.D
 Acq On : 11 Jan 2021 13:49
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/12/2021 10:54:13 AM

Quant Time: Jan 11 14:20:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 14:17:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	185600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	279665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	266390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	121881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	106159	44.37	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.74%
35) Dibromofluoromethane	5.465	113	92844	51.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.08%
50) Toluene-d8	8.696	98	340110	49.36	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.72%
62) 4-Bromofluorobenzene	11.122	95	110673	43.24	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.48%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	96246	47.61	ug/l	100
3) Chloromethane	1.313	50	87101	38.82	ug/l	99
4) Vinyl Chloride	1.392	62	100262	40.37	ug/l	98
5) Bromomethane	1.636	94	67405	72.43	ug/l	96
6) Chloroethane	1.709	64	62765	41.05	ug/l	100
7) Trichlorofluoromethane	1.916	101	161949	48.88	ug/l	97
8) Diethyl Ether	2.166	74	56491	41.58	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.368	101	91364	48.72	ug/l	96
10) Methyl Iodide	2.489	142	134412	57.04	ug/l	98
11) Tert butyl alcohol	3.038	59	103136	193.86	ug/l #	85
12) 1,1-Dichloroethene	2.355	96	89238	47.01	ug/l	96
13) Acrolein	2.276	56	77338	227.67	ug/l	99
14) Allyl chloride	2.709	41	122951	38.36	ug/l	96
15) Acrylonitrile	3.117	53	240484	198.11	ug/l	100
16) Acetone	2.428	43	193837	180.58	ug/l	100
17) Carbon Disulfide	2.550	76	247055	44.48	ug/l	100
18) Methyl Acetate	2.745	43	95913	39.87	ug/l	95
19) Methyl tert-butyl Ether	3.166	73	296913	43.70	ug/l	99
20) Methylene Chloride	2.831	84	101236	41.12	ug/l	94
21) trans-1,2-Dichloroethene	3.142	96	100310	44.45	ug/l	94
22) Diisopropyl ether	3.818	45	258833	39.87	ug/l	91
23) Vinyl Acetate	3.782	43	1114927	202.59	ug/l	96
24) 1,1-Dichloroethane	3.666	63	164292	42.12	ug/l	99
25) 2-Butanone	4.635	43	301872	193.56	ug/l	95
26) 2,2-Dichloropropane	4.550	77	150907	45.83	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	111373	44.24	ug/l	94
28) Bromochloromethane	4.977	49	66183	38.67	ug/l	86
29) Tetrahydrofuran	5.093	42	191129	195.17	ug/l	95
30) Chloroform	5.172	83	183177	45.68	ug/l	100
31) Cyclohexane	5.550	56	137527	41.13	ug/l	93
32) 1,1,1-Trichloroethane	5.465	97	166016	48.43	ug/l	98
36) 1,1-Dichloropropene	5.769	75	130825	47.03	ug/l	98
37) Ethyl Acetate	4.788	43	117243	42.31	ug/l	99
38) Carbon Tetrachloride	5.751	117	150191	55.14	ug/l	98
39) Methylcyclohexane	7.440	83	155051	47.85	ug/l	97
40) Benzene	6.111	78	397041	46.68	ug/l	99

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41) Methacrylonitrile	5.001	41	64108	43.58	ug/l	96
42) 1,2-Dichloroethane	6.160	62	138581	47.68	ug/l	100
43) Isopropyl Acetate	6.409	43	186666	42.72	ug/l	98
44) Trichloroethene	7.190	130	114840	50.89	ug/l	90
45) 1,2-Dichloropropane	7.489	63	95789	45.08	ug/l	98
46) Dibromomethane	7.635	93	72630	49.19	ug/l	96
47) Bromodichloromethane	7.873	83	148123	52.23	ug/l	97
48) Methyl methacrylate	7.745	41	93132	43.55	ug/l	96
49) 1,4-Dioxane	7.745	88	46605	918.08	ug/l	95
51) 4-Methyl-2-Pentanone	8.622	43	594226	219.38	ug/l	99
52) Toluene	8.763	92	254571	48.75	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	154287	50.09	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	166194	49.28	ug/l	95
55) 1,1,2-Trichloroethane	9.196	97	105422	49.18	ug/l	97
56) Ethyl methacrylate	9.159	69	144239	46.88	ug/l	96
57) 1,3-Dichloropropane	9.348	76	170213	47.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	355172	219.32	ug/l	95
59) 2-Hexanone	9.470	43	452381	219.12	ug/l	99
60) Dibromochloromethane	9.561	129	119890	55.28	ug/l	99
61) 1,2-Dibromoethane	9.653	107	113283	50.44	ug/l	99
64) Tetrachloroethene	9.317	164	115201	55.06	ug/l	97
65) Chlorobenzene	10.122	112	276505	48.43	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	99764	48.84	ug/l	99
67) Ethyl Benzene	10.232	91	444396	45.10	ug/l	99
68) m/p-Xylenes	10.342	106	362667	97.52	ug/l	99
69) o-Xylene	10.683	106	164645	46.56	ug/l	98
70) Styrene	10.695	104	288363	48.20	ug/l	98
71) Bromoform	10.842	173	89528	55.24	ug/l #	99
73) Isopropylbenzene	11.000	105	418288	47.62	ug/l	99
74) N-amyl acetate	10.878	43	154775	45.02	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.250	83	132067	42.51	ug/l	99
76) 1,2,3-Trichloropropane	11.281	75	128709m	43.80	ug/l	
77) Bromobenzene	11.238	156	108601	46.86	ug/l	93
78) n-propylbenzene	11.342	91	477878	47.27	ug/l	100
79) 2-Chlorotoluene	11.402	91	284148	45.55	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	359548	48.39	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.055	75	46330	46.92	ug/l	91
82) 4-Chlorotoluene	11.494	91	337344	46.25	ug/l	99
83) tert-Butylbenzene	11.756	119	343666	48.01	ug/l	99
84) 1,2,4-Trimethylbenzene	11.787	105	372193	49.43	ug/l	99
85) sec-Butylbenzene	11.927	105	402735	48.41	ug/l	98
86) p-Isopropyltoluene	12.049	119	384920	50.16	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	200911	48.43	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	200636	46.46	ug/l	99
89) n-Butylbenzene	12.372	91	320509	47.89	ug/l	99
90) Hexachloroethane	12.579	117	65786	49.52	ug/l	89
91) 1,2-Dichlorobenzene	12.372	146	193965	47.17	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.981	75	29587	45.24	ug/l	90
93) 1,2,4-Trichlorobenzene	13.628	180	136175	50.71	ug/l	99
94) Hexachlorobutadiene	13.762	225	67475	53.94	ug/l	97
95) Naphthalene	13.817	128	423969	50.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	136860	51.36	ug/l	99

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

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