

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
 Data File : VX020802.D
 Acq On : 29 Jan 2021 13:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/3/2021 9:53:48 AM

Quant Time: Jan 29 15:18:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	304143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	462492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	448988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	234890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	186637	44.99	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.98%		
35) Dibromofluoromethane	5.458	113	157340	49.67	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.34%		
50) Toluene-d8	8.696	98	578653	49.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.64%		
62) 4-Bromofluorobenzene	11.122	95	228415	50.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.28%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	229407	47.76	ug/l	100
3) Chloromethane	1.313	50	192644	45.03	ug/l	98
4) Vinyl Chloride	1.392	62	194783	45.66	ug/l	99
5) Bromomethane	1.624	94	85170	41.56	ug/l	96
6) Chloroethane	1.703	64	114738	47.52	ug/l	100
7) Trichlorofluoromethane	1.910	101	285842	49.40	ug/l	95
8) Diethyl Ether	2.166	74	94716	45.61	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	143448	48.56	ug/l	98
10) Methyl Iodide	2.489	142	180607	43.60	ug/l	93
11) Tert butyl alcohol	3.020	59	159095	205.43	ug/l	100
12) 1,1-Dichloroethene	2.349	96	137196	46.97	ug/l	92
13) Acrolein	2.270	56	141160	241.68	ug/l	99
14) Allyl chloride	2.703	41	240902	44.29	ug/l	95
15) Acrylonitrile	3.111	53	438850	223.88	ug/l	99
16) Acetone	2.416	43	409308	260.23	ug/l	100
17) Carbon Disulfide	2.544	76	419077	44.61	ug/l	99
18) Methyl Acetate	2.745	43	185884	46.26	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	515386	47.17	ug/l	100
20) Methylene Chloride	2.831	84	182867	46.07	ug/l	98
21) trans-1,2-Dichloroethene	3.136	96	169193	46.37	ug/l	100
22) Diisopropyl ether	3.825	45	494113	46.22	ug/l	93
23) Vinyl Acetate	3.782	43	2038148	231.71	ug/l	100
24) 1,1-Dichloroethane	3.666	63	298061	46.12	ug/l	99
25) 2-Butanone	4.629	43	600189	243.63	ug/l	99
26) 2,2-Dichloropropane	4.544	77	244296	47.11	ug/l	100
27) cis-1,2-Dichloroethene	4.556	96	185007	46.24	ug/l	99
28) Bromochloromethane	4.971	49	117764	42.51	ug/l	98
29) Tetrahydrofuran	5.087	42	352239	222.00	ug/l	98
30) Chloroform	5.172	83	314827	47.39	ug/l	97
31) Cyclohexane	5.544	56	253001	45.35	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	278474	47.62	ug/l	99
36) 1,1-Dichloropropene	5.763	75	228779	49.29	ug/l	100
37) Ethyl Acetate	4.788	43	207716	47.20	ug/l	98
38) Carbon Tetrachloride	5.745	117	252121	51.66	ug/l	97
39) Methylcyclohexane	7.434	83	263116	49.74	ug/l	99
40) Benzene	6.105	78	683543	50.00	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	114825	46.62	ug/l	99
42) 1,2-Dichloroethane	6.153	62	244647	50.18	ug/l	100
43) Isopropyl Acetate	6.409	43	322268	45.93	ug/l	100
44) Trichloroethene	7.184	130	184700	50.78	ug/l	98
45) 1,2-Dichloropropane	7.489	63	176260	49.47	ug/l	94
46) Dibromomethane	7.635	93	120697	50.47	ug/l	98
47) Bromodichloromethane	7.873	83	254090	50.29	ug/l	99
48) Methyl methacrylate	7.745	41	171431	48.37	ug/l	98
49) 1,4-Dioxane	7.714	88	81833	984.31	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	1086690	245.44	ug/l	100
52) Toluene	8.763	92	442174	51.44	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	264119	49.68	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	288616	50.34	ug/l	96
55) 1,1,2-Trichloroethane	9.196	97	182527	51.14	ug/l	96
56) Ethyl methacrylate	9.159	69	248972	43.94	ug/l	98
57) 1,3-Dichloropropane	9.348	76	300796	50.24	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	613262	248.33	ug/l	100
59) 2-Hexanone	9.470	43	859946	260.90	ug/l	99
60) Dibromochloromethane	9.561	129	208012	52.72	ug/l	99
61) 1,2-Dibromoethane	9.653	107	191581	51.87	ug/l	99
64) Tetrachloroethene	9.318	164	189190	54.96	ug/l	96
65) Chlorobenzene	10.116	112	474091	48.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	180132	49.96	ug/l	99
67) Ethyl Benzene	10.232	91	847792	50.34	ug/l	99
68) m/p-Xylenes	10.342	106	643513	102.46	ug/l	98
69) o-Xylene	10.683	106	305385	51.70	ug/l	99
70) Styrene	10.695	104	537535	52.99	ug/l	99
71) Bromoform	10.842	173	146789	50.71	ug/l #	99
73) Isopropylbenzene	11.000	105	848685	49.99	ug/l	100
74) N-amyl acetate	10.878	43	286431	40.49	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	268163	46.88	ug/l	99
76) 1,2,3-Trichloropropane	11.281	75	258246m	47.40	ug/l	
77) Bromobenzene	11.238	156	212087	49.36	ug/l	97
78) n-propylbenzene	11.342	91	988011	50.41	ug/l	100
79) 2-Chlorotoluene	11.402	91	592640	49.50	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	729238	50.25	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	89439	46.01	ug/l	99
82) 4-Chlorotoluene	11.494	91	700391	49.43	ug/l	98
83) tert-Butylbenzene	11.750	119	692356	49.41	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	757355	51.74	ug/l	98
85) sec-Butylbenzene	11.927	105	824008	50.88	ug/l	100
86) p-Isopropyltoluene	12.049	119	767484	51.06	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	381134	48.68	ug/l	97
88) 1,4-Dichlorobenzene	12.079	146	389002	47.84	ug/l	98
89) n-Butylbenzene	12.372	91	663357	49.27	ug/l	99
90) Hexachloroethane	12.579	117	128416	47.45	ug/l	99
91) 1,2-Dichlorobenzene	12.372	146	377880	50.08	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	57568	45.40	ug/l	93
93) 1,2,4-Trichlorobenzene	13.628	180	242942	49.65	ug/l	98
94) Hexachlorobutadiene	13.762	225	108593	47.10	ug/l	97
95) Naphthalene	13.817	128	779352	43.64	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	240323	50.44	ug/l	96

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

