

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030321\
 Data File : VX020962.D
 Acq On : 02 Mar 2021 10:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050443

Manual Integrations
 APPROVED

MMDadoda
 3/4/2021 12:01:10 PM

Quant Time: Mar 03 01:00:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 26 12:33:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	296602	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	278545	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	124537	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.393	65	96044	48.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.38%			
7) Chloroethane-d5	1.693	69	87966	53.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.24%			
11) 1,1-Dichloroethene-d2	2.346	63	189317	50.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.54%			
21) 2-Butanone-d5	4.523	46	136749	112.44	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.44%			
24) Chloroform-d	5.135	84	208205	55.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.56%			
26) 1,2-Dichloroethane-d4	6.029	65	130564	54.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.40%			
32) Benzene-d6	6.047	84	416681	50.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.12%			
36) 1,2-Dichloropropane-d6	7.365	67	130842	51.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.98%			
41) Toluene-d8	8.694	98	370770	50.12	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.24%			
43) trans-1,3-Dichloroprop...	8.988	79	67352	50.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.78%			
47) 2-Hexanone-d5	9.424	63	102922	99.84	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.84%			
56) 1,1,2,2-Tetrachloroeth...	11.230	84	161209	51.11	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.22%			
66) 1,2-Dichlorobenzene-d4	12.359	152	127235	53.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.74%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	113169	50.69	ug/L	99
3) Chloromethane	1.311	50	105208	52.56	ug/L	97
5) Vinyl chloride	1.393	62	119126	50.41	ug/L	99
6) Bromomethane	1.634	94	58842	52.59	ug/L	98
8) Chloroethane	1.711	64	74506	50.41	ug/L	99
9) Trichlorofluoromethane	1.917	101	157059	50.93	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	105823	51.81	ug/L	98
12) 1,1-Dichloroethene	2.358	96	98674	49.67	ug/L	91
13) Acetone	2.417	43	122333	118.32	ug/L	100
14) Carbon disulfide	2.552	76	280367	48.66	ug/L	100
15) Methyl Acetate	2.746	43	92745	47.60	ug/L	99
16) Methylene chloride	2.835	84	110894	50.00	ug/L	96
17) trans-1,2-Dichloroethene	3.140	96	105064	49.34	ug/L	94
18) Methyl tert-butyl Ether	3.164	73	335684	48.10	ug/L	99
19) 1,1-Dichloroethane	3.670	63	187173	50.22	ug/L	99
20) cis-1,2-Dichloroethene	4.564	96	119400	50.26	ug/L	94
22) 2-Butanone	4.629	43	152899	104.19	ug/L	100
23) Bromochloromethane	4.982	128	58236m	49.41	ug/L	
25) Chloroform	5.170	83	198026	49.75	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.158	62	146438	50.04	ug/L	96
29) Cyclohexane	5.541	56	166277	47.11	ug/L	98
30) 1,1,1-Trichloroethane	5.464	97	167845	46.97	ug/L	99
31) Carbon tetrachloride	5.747	117	140041	47.28	ug/L	100
33) Benzene	6.111	78	433757	47.60	ug/L	100
34) Trichloroethene	7.182	95	114189	47.12	ug/L	94
35) Methylcyclohexane	7.441	83	181929	49.03	ug/L	96
37) 1,2-Dichloropropane	7.488	63	108686	47.62	ug/L	98
38) Bromodichloromethane	7.870	83	152735	48.22	ug/L	99
39) cis-1,3-Dichloropropene	8.412	75	180200	48.20	ug/L	100
40) 4-Methyl-2-pentanone	8.618	43	255009	91.32	ug/L	97
42) Toluene	8.765	91	469015	49.43	ug/L	98
44) trans-1,3-Dichloropropene	9.018	75	170770	47.82	ug/L	100
45) 1,1,2-Trichloroethane	9.194	97	109885	48.45	ug/L	98
46) Tetrachloroethene	9.318	164	85674	49.46	ug/L	94
48) 2-Hexanone	9.471	43	205062	96.30	ug/L	99
49) Dibromochloromethane	9.565	129	117574	49.09	ug/L	98
50) 1,2-Dibromoethane	9.647	107	113162	47.96	ug/L	93
51) Chlorobenzene	10.118	112	285205	47.56	ug/L	96
52) Ethylbenzene	10.235	91	510898	49.00	ug/L	99
53) m,p-Xylene	10.341	106	190042	48.32	ug/L	99
54) o-Xylene	10.683	106	183407	47.85	ug/L	100
55) Styrene	10.694	104	323460	48.54	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.247	83	147313	45.30	ug/L	100
59) Bromoform	10.841	173	77033	49.01	ug/L	100
60) Isopropylbenzene	11.000	105	489638	51.26	ug/L	99
61) 1,2,3-Trichloropropane	11.277	75	121229	48.50	ug/L	98
62) 1,3,5-Trimethylbenzene	11.489	105	404540	51.75	ug/L	97
63) 1,2,4-Trimethylbenzene	11.789	105	404560	51.42	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	205724	50.36	ug/L	93
65) 1,4-Dichlorobenzene	12.083	146	203659	49.78	ug/L	95
67) 1,2-Dichlorobenzene	12.377	146	199990	49.58	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.983	75	32140	46.72	ug/L	90
69) 1,3,5-Trichlorobenzene	13.153	180	151036	54.32	ug/L	97
70) 1,2,4-trichlorobenzene	13.630	180	131133	53.34	ug/L	99
71) Naphthalene	13.818	128	461120	51.75	ug/L	99
72) 1,2,3-Trichlorobenzene	14.001	180	128644	51.47	ug/L	95

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

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