

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110220\
 Data File : VV019196.D
 Acq On : 02 Nov 2020 10:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

Quant Time: Nov 03 03:23:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 02 11:18:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	259793	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	253702	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143084	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75412	36.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.06%
7) Chloroethane-d5	1.58	69	61152	38.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.26%
11) 1,1-Dichloroethene-d2	2.13	63	157336	40.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.12%
21) 2-Butanone-d5	3.90	46	102327	80.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.92%
24) Chloroform-d	4.37	84	162164	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.46%
26) 1,2-Dichloroethane-d4	5.05	65	111407	41.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.26%
32) Benzene-d6	5.07	84	297146	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.58%
36) 1,2-Dichloropropane-d6	6.09	67	89449	41.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.36%
41) Toluene-d8	7.33	98	289526	41.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.76%
43) trans-1,3-Dichloropropene-	7.64	79	53703	43.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.50%
47) 2-Hexanone-d5	8.10	63	75023	80.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.73%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	122556	42.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	123328	41.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	108050	47.366	ug/L 99
3) Chloromethane	1.25	50	96972	46.812	ug/L 97
5) Vinyl chloride	1.32	62	98401	46.398	ug/L 98
6) Bromomethane	1.53	94	66359	46.711	ug/L 98
8) Chloroethane	1.60	64	63851	48.420	ug/L 99
9) Trichlorofluoromethane	1.77	101	163787	46.336	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	81474	47.894	ug/L 99
12) 1,1-Dichloroethene	2.14	96	77034	46.239	ug/L 86
13) Acetone	2.19	43	119475	101.702	ug/L 100
14) Carbon disulfide	2.31	76	245707	46.400	ug/L 100
15) Methyl Acetate	2.44	43	81157	42.868	ug/L 98
16) Methylene chloride	2.52	84	87452	46.228	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	83294	46.549	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	279534	46.654	ug/L 100
19) 1,1-Dichloroethane	3.21	63	156087	46.821	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	90626	46.148	ug/L 97
22) 2-Butanone	3.99	43	126611	98.949	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	47866	45.422	ug/L	96
25) Chloroform	4.40	83	165336	45.895	ug/L	99
27) 1,2-Dichloroethane	5.15	62	142953	46.611	ug/L	100
29) Cyclohexane	4.70	56	136701	48.265	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	156818	45.614	ug/L	99
31) Carbon tetrachloride	4.85	117	140781	46.179	ug/L	98
33) Benzene	5.12	78	340320	46.525	ug/L	100
34) Trichloroethene	5.94	95	90975	45.400	ug/L	98
35) Methylcyclohexane	6.15	83	128728	47.585	ug/L	98
37) 1,2-Dichloropropane	6.19	63	87708	48.282	ug/L	100
38) Bromodichloromethane	6.53	83	125519	46.448	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	148607	49.527	ug/L	97
40) 4-Methyl-2-pentanone	7.24	43	221704	88.470	ug/L	100
42) Toluene	7.41	91	380208	47.414	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	152986	49.013	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	83724	45.955	ug/L	99
46) Tetrachloroethene	7.99	164	79848	46.664	ug/L	98
48) 2-Hexanone	8.15	43	179727	90.231	ug/L	99
49) Dibromochloromethane	8.26	129	103524	46.930	ug/L	98
50) 1,2-Dibromoethane	8.37	107	89271	45.926	ug/L	100
51) Chlorobenzene	8.90	112	245695	46.733	ug/L	99
52) Ethylbenzene	9.03	91	426010	48.213	ug/L	100
53) m,p-Xylene	9.16	106	160861	48.200	ug/L	100
54) o-xylene	9.56	106	153427	47.882	ug/L	99
55) Styrene	9.58	104	275263	48.469	ug/L	100
56) Isopropylbenzene	9.95	105	419195	48.680	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	125255	45.150	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	104224	43.888	ug/L	99
61) Bromoform	9.75	173	79663	45.135	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	210234	46.582	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	215272	45.896	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	206494	46.186	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	31019	40.548	ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	153802	46.293	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	143611	46.136	ug/L	99
69) Naphthalene	13.52	128	398543	45.712	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	140368	46.080	ug/L	99

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

