

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110620\
 Data File : VV019266.D
 Acq On : 05 Nov 2020 01:31
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050314

Quant Time: Nov 05 05:08:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 04:58:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	234296	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	223077	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	116777	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76040	42.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.10%
7) Chloroethane-d5	1.58	69	68073	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.08%
11) 1,1-Dichloroethene-d2	2.13	63	153236	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.54%
21) 2-Butanone-d5	3.91	46	121278	121.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.64%
24) Chloroform-d	4.38	84	167892	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
26) 1,2-Dichloroethane-d4	5.06	65	117164	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.38%
32) Benzene-d6	5.07	84	299147	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
36) 1,2-Dichloropropane-d6	6.09	67	94810	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.10%
41) Toluene-d8	7.34	98	265235	46.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.44%
43) trans-1,3-Dichloropropene-	7.64	79	52251	50.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.36%
47) 2-Hexanone-d5	8.11	63	83036	116.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.30%
56) 1,1,2,2-Tetrachloroethane-	10.24	84	132038	53.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.76%
66) 1,2-Dichlorobenzene-d4	11.65	152	113648	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	64412	44.874	ug/L 98
3) Chloromethane	1.25	50	80774	54.043	ug/L 99
5) Vinyl chloride	1.32	62	82624	53.108	ug/L 100
6) Bromomethane	1.53	94	60137	57.516	ug/L 96
8) Chloroethane	1.60	64	58710	57.700	ug/L 100
9) Trichlorofluoromethane	1.77	101	125182	48.604	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	57520	47.002	ug/L 100
12) 1,1-Dichloroethene	2.13	96	65664	51.915	ug/L 92
13) Acetone	2.19	43	83709	110.404	ug/L 98
14) Carbon disulfide	2.31	76	178799	49.229	ug/L 99
15) Methyl Acetate	2.45	43	89375	60.836	ug/L 97
16) Methylene chloride	2.52	84	84106	55.937	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	72872	53.108	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	275448	57.108	ug/L 99
19) 1,1-Dichloroethane	3.21	63	151047	56.184	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	83758	55.236	ug/L 100
22) 2-Butanone	3.99	43	117362	121.942	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	46776	56.024	ug/L	97
25) Chloroform	4.40	83	158889	55.125	ug/L	100
27) 1,2-Dichloroethane	5.15	62	135919	55.475	ug/L	98
29) Cyclohexane	4.70	56	85781	44.934	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	135966	52.554	ug/L	98
31) Carbon tetrachloride	4.86	117	111603	49.959	ug/L	98
33) Benzene	5.13	78	311086	56.113	ug/L	100
34) Trichloroethene	5.94	95	78587	52.162	ug/L	99
35) Methylcyclohexane	6.15	83	80030	43.887	ug/L	100
37) 1,2-Dichloropropane	6.20	63	84223	56.925	ug/L	99
38) Bromodichloromethane	6.53	83	119677	56.205	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	132110	55.803	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	242701	122.105	ug/L	100
42) Toluene	7.41	91	323348	53.960	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	135042	55.665	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	84110	57.515	ug/L	98
46) Tetrachloroethene	8.00	164	57343	46.647	ug/L	97
48) 2-Hexanone	8.16	43	183699	122.245	ug/L	99
49) Dibromochloromethane	8.27	129	98986	56.757	ug/L	98
50) 1,2-Dibromoethane	8.37	107	86769	57.243	ug/L	99
51) Chlorobenzene	8.90	112	212285	52.960	ug/L	99
52) Ethylbenzene	9.03	91	338718	51.233	ug/L	100
53) m,p-Xylene	9.16	106	127054	51.331	ug/L	98
54) o-Xylene	9.56	106	129230	52.968	ug/L	97
55) Styrene	9.58	104	236705	54.505	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.26	83	126328	57.099	ug/L	100
59) Bromoform	9.75	173	74262	57.298	ug/L	99
60) Isopropylbenzene	9.95	105	315460	51.543	ug/L	100
61) 1,2,3-Trichloropropane	10.29	75	107265	59.124	ug/L	99
62) 1,3,5-Trimethylbenzene	10.56	105	272614	53.479	ug/L	100
63) 1,2,4-Trimethylbenzene	10.94	105	268255	53.781	ug/L	100
64) 1,3-Dichlorobenzene	11.20	146	170136	53.144	ug/L	98
65) 1,4-Dichlorobenzene	11.29	146	175664	53.037	ug/L	99
67) 1,2-Dichlorobenzene	11.66	146	174960	53.419	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.45	75	31109	58.777	ug/L	100
69) 1,3,5-Trichlorobenzene	12.67	180	115937	50.456	ug/L	100
70) 1,2,4-trichlorobenzene	13.28	180	116607	53.933	ug/L	99
71) Naphthalene	13.52	128	362980	59.528	ug/L	99
72) 1,2,3-Trichlorobenzene	13.77	180	121089	56.497	ug/L	99

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

