

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
 Data File : VV019086.D
 Acq On : 23 Oct 2020 10:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Oct 24 03:29:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	295804	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	291929	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156427	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	114795	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.44%
7) Chloroethane-d5	1.58	69	95486	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.30%
11) 1,1-Dichloroethene-d2	2.12	63	229673	45.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.26%
21) 2-Butanone-d5	3.91	46	164519	91.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.03%
24) Chloroform-d	4.37	84	216468	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	5.05	65	147635	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
32) Benzene-d6	5.07	84	404153	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
36) 1,2-Dichloropropane-d6	6.09	67	129575	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.58%
41) Toluene-d8	7.33	98	373808	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%
43) trans-1,3-Dichloropropene-	7.64	79	67828	45.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.52%
47) 2-Hexanone-d5	8.11	63	114813	91.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.29%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	175125	45.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	147730	45.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.06%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	116878	50.727	ug/L 100
3) Chloromethane	1.25	50	134197	46.832	ug/L 98
5) Vinyl chloride	1.32	62	134819	47.760	ug/L 100
6) Bromomethane	1.53	94	81609	50.526	ug/L 98
8) Chloroethane	1.60	64	84372	47.661	ug/L 98
9) Trichlorofluoromethane	1.77	101	190731	51.368	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	99884	50.582	ug/L 99
12) 1,1-Dichloroethene	2.13	96	96759	48.975	ug/L 87
13) Acetone	2.20	43	126561	103.323	ug/L 99
14) Carbon disulfide	2.31	76	312082	47.910	ug/L 100
15) Methyl Acetate	2.45	43	117105	45.494	ug/L 98
16) Methylene chloride	2.52	84	108902	47.291	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	102252	48.976	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	326947	48.291	ug/L 99
19) 1,1-Dichloroethane	3.21	63	201180	47.726	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	106305	47.617	ug/L 98
22) 2-Butanone	4.00	43	161016	95.890	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	54988	48.385	ug/L	99
25) Chloroform	4.40	83	199977	48.158	ug/L	97
27) 1,2-Dichloroethane	5.15	62	170934	49.600	ug/L	100
29) Cyclohexane	4.70	56	177137	50.693	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	180356	49.620	ug/L	99
31) Carbon tetrachloride	4.85	117	157946	49.847	ug/L	100
33) Benzene	5.12	78	431587	48.293	ug/L	100
34) Trichloroethene	5.94	95	109486	48.481	ug/L	99
35) Methylcyclohexane	6.15	83	159226	51.532	ug/L	100
37) 1,2-Dichloropropane	6.19	63	115435	46.918	ug/L	100
38) Bromodichloromethane	6.53	83	151056	48.524	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	174814	48.078	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	317010	95.506	ug/L	100
42) Toluene	7.41	91	458071	49.936	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	179871	49.863	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	102252	47.056	ug/L	99
46) Tetrachloroethene	7.99	164	88707	51.186	ug/L	99
48) 2-Hexanone	8.16	43	248482	97.014	ug/L	99
49) Dibromochloromethane	8.26	129	116223	48.933	ug/L	99
50) 1,2-Dibromoethane	8.37	107	106645	47.292	ug/L	99
51) Chlorobenzene	8.90	112	290054	49.301	ug/L	100
52) Ethylbenzene	9.03	91	506467	51.058	ug/L	99
53) m,p-Xylene	9.16	106	188919	52.025	ug/L	96
54) o-xylene	9.56	106	178999	51.196	ug/L	100
55) Styrene	9.58	104	325282	52.448	ug/L	99
56) Isopropylbenzene	9.95	105	485642	52.825	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	166149	46.468	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	133363	46.358	ug/L	100
61) Bromoform	9.75	173	84489	47.960	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	233411	49.723	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	239727	48.872	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	231067	48.820	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	38670	46.245	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	160230	49.987	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	150341	49.739	ug/L	98
69) Naphthalene	13.52	128	460806	49.479	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	151875	49.591	ug/L	98

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

