

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018383.D
 Acq On : 21 Sep 2020 20:08
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05082

Quant Time: Sep 22 04:38:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 04:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	280440	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	276594	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93648	40.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.96%
7) Chloroethane-d5	1.58	69	79523	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.04%
11) 1,1-Dichloroethene-d2	2.13	63	185189	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.34%
21) 2-Butanone-d5	3.92	46	122831	87.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.81%
24) Chloroform-d	4.38	84	179365	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
26) 1,2-Dichloroethane-d4	5.06	65	113696	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
32) Benzene-d6	5.08	84	350876	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
36) 1,2-Dichloropropane-d6	6.09	67	110324	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.70%
41) Toluene-d8	7.34	98	324064	44.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.82%
43) trans-1,3-Dichloropropene-	7.64	79	55207	43.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.36%
47) 2-Hexanone-d5	8.11	63	88941	93.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143959	45.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	137656	43.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.98%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	97608	47.732	ug/L 100
3) Chloromethane	1.25	50	107670	48.219	ug/L 100
5) Vinyl chloride	1.32	62	109215	47.696	ug/L 99
6) Bromomethane	1.53	94	69389	49.579	ug/L 100
8) Chloroethane	1.60	64	71049	49.532	ug/L 100
9) Trichlorofluoromethane	1.77	101	155114	49.235	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	93668	49.497	ug/L 99
12) 1,1-Dichloroethene	2.14	96	90233	49.004	ug/L 97
13) Acetone	2.20	43	121577	108.535	ug/L 99
14) Carbon disulfide	2.31	76	259389	46.036	ug/L 100
15) Methyl Acetate	2.45	43	96950	48.160	ug/L 100
16) Methylene chloride	2.52	84	101233	49.021	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	93016	49.016	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	285348	48.610	ug/L 100
19) 1,1-Dichloroethane	3.21	63	177520	49.477	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	99300	48.951	ug/L 97
22) 2-Butanone	4.00	43	146497	110.444	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	52112	49.099	ug/L	96
25) Chloroform	4.40	83	179917	49.331	ug/L	99
27) 1,2-Dichloroethane	5.16	62	140986	49.934	ug/L	100
29) Cyclohexane	4.71	56	157069	49.177	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	157221	48.979	ug/L	99
31) Carbon tetrachloride	4.86	117	137021	48.545	ug/L	99
33) Benzene	5.13	78	391214	49.470	ug/L	100
34) Trichloroethene	5.94	95	105420	48.935	ug/L	98
35) Methylcyclohexane	6.16	83	158990	49.017	ug/L	99
37) 1,2-Dichloropropane	6.20	63	103663	49.468	ug/L	99
38) Bromodichloromethane	6.53	83	131788	48.326	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	151969	47.067	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	254882	100.258	ug/L	100
42) Toluene	7.41	91	421856	50.407	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	154793	49.239	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	97042	49.962	ug/L	99
46) Tetrachloroethene	8.00	164	83620	49.505	ug/L	99
48) 2-Hexanone	8.16	43	205903	102.732	ug/L	99
49) Dibromochloromethane	8.27	129	107298	49.214	ug/L	100
50) 1,2-Dibromoethane	8.37	107	101379	49.593	ug/L	98
51) Chlorobenzene	8.90	112	271846	50.017	ug/L	99
52) Ethylbenzene	9.03	91	460359	50.385	ug/L	99
53) m,p-Xylene	9.16	106	174893	51.283	ug/L	96
54) o-xylene	9.56	106	168126	51.172	ug/L	98
55) Styrene	9.58	104	299625	52.468	ug/L	100
56) Isopropylbenzene	9.95	105	452600	51.114	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	144186	50.184	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	121198	49.172	ug/L	98
61) Bromoform	9.75	173	79070	48.310	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	221641	48.923	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	227209	48.792	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	221428	48.355	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	31568	48.852	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	170352	47.697	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	156297	49.143	ug/L	98
69) Naphthalene	13.52	128	440507	54.738	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	159988	51.073	ug/L	100

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

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