

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100520\
 Data File : VV018682.D
 Acq On : 05 Oct 2020 18:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Oct 06 02:13:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 06 02:11:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	297073	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	257602	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136680	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71836	41.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.46%
7) Chloroethane-d5	1.58	69	61886	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.92%
11) 1,1-Dichloroethene-d2	2.12	63	152955	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.18%
21) 2-Butanone-d5	3.91	46	108785	83.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.71%
24) Chloroform-d	4.38	84	149697	39.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.46%
26) 1,2-Dichloroethane-d4	5.06	65	99977	41.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.60%
32) Benzene-d6	5.07	84	270098	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.78%
36) 1,2-Dichloropropane-d6	6.09	67	96245	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.64%
41) Toluene-d8	7.34	98	248806	40.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.06%
43) trans-1,3-Dichloropropene-	7.64	79	44224	41.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.04%
47) 2-Hexanone-d5	8.11	63	65524	87.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	112418	43.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	111030	42.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.48%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	76114	37.681	ug/L 99
3) Chloromethane	1.25	50	91228	42.209	ug/L 99
5) Vinyl chloride	1.32	62	94370	41.529	ug/L 96
6) Bromomethane	1.53	94	65562	42.391	ug/L 100
8) Chloroethane	1.60	64	59723	42.649	ug/L 98
9) Trichlorofluoromethane	1.77	101	146569	42.438	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	79695	41.228	ug/L 96
12) 1,1-Dichloroethene	2.13	96	76894	41.464	ug/L 96
13) Acetone	2.20	43	102139	90.969	ug/L 98
14) Carbon disulfide	2.31	76	241686	40.231	ug/L 99
15) Methyl Acetate	2.45	43	90865	42.007	ug/L 99
16) Methylene chloride	2.52	84	92944	41.758	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	77318	36.436	ug/L 95
18) Methyl tert-butyl Ether	2.78	73	246456	38.119	ug/L 98
19) 1,1-Dichloroethane	3.21	63	147246	39.631	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	86344	38.287	ug/L 94
22) 2-Butanone	4.00	43	115874	81.695	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	45842	36.966	ug/L	96
25) Chloroform	4.40	83	154484	39.377	ug/L	98
27) 1,2-Dichloroethane	5.15	62	128195	41.923	ug/L	97
29) Cyclohexane	4.70	56	121526	41.363	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	141653	44.294	ug/L	98
31) Carbon tetrachloride	4.86	117	124651	43.430	ug/L	100
33) Benzene	5.13	78	320904	42.403	ug/L	100
34) Trichloroethene	5.94	95	109442	49.812	ug/L	98
35) Methylcyclohexane	6.15	83	126260	42.599	ug/L	97
37) 1,2-Dichloropropane	6.20	63	94258	48.545	ug/L	99
38) Bromodichloromethane	6.53	83	116377	44.755	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	132909	43.629	ug/L	96
40) 4-Methyl-2-pentanone	7.24	43	224828	89.736	ug/L	99
42) Toluene	7.41	91	354235	43.268	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	133859	44.731	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	84683	44.057	ug/L	98
46) Tetrachloroethene	8.00	164	67707	37.985	ug/L	96
48) 2-Hexanone	8.16	43	180965	92.572	ug/L	96
49) Dibromochloromethane	8.27	129	94191	42.844	ug/L	98
50) 1,2-Dibromoethane	8.37	107	88511	43.310	ug/L #	98
51) Chlorobenzene	8.90	112	231425	41.784	ug/L	97
52) Ethylbenzene	9.03	91	392188	42.895	ug/L	100
53) m,p-Xylene	9.16	106	152413	43.135	ug/L	99
54) o-xylene	9.56	106	144599	43.224	ug/L	100
55) Styrene	9.58	104	258867	44.441	ug/L	94
56) Isopropylbenzene	9.95	105	379253	42.272	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	111464	41.141	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	102245	43.292	ug/L	99
61) Bromoform	9.75	173	63613	40.518	ug/L #	97
62) 1,3-Dichlorobenzene	11.20	146	186490	42.160	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	192313	42.221	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	186285	42.570	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	27429	45.915	ug/L	85
67) 1,3,5-Trichlorobenzene	12.67	180	123046	40.158	ug/L	97
68) 1,2,4-trichlorobenzene	13.28	180	105864	37.130	ug/L	98
69) Naphthalene	13.52	128	352070	43.137	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	111295	38.884	ug/L	98

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

