

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018849.D
 Acq On : 12 Oct 2020 10:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

Quant Time: Oct 13 01:01:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 04:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	365349	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	364061	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	184285	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	137632	41.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.92%
7) Chloroethane-d5	1.57	69	113563	42.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.12	63	273165	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.36%
21) 2-Butanone-d5	3.89	46	198801	97.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.53%
24) Chloroform-d	4.37	84	261442	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	5.05	65	172074	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.68%
32) Benzene-d6	5.07	84	514142	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.76%
36) 1,2-Dichloropropane-d6	6.09	67	159597	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.56%
41) Toluene-d8	7.33	98	435404	41.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.72%
43) trans-1,3-Dichloropropene-	7.64	79	79157	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.78%
47) 2-Hexanone-d5	8.10	63	124242	92.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.79%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	189807	43.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	175565	43.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.10%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	155636	65.994	ug/L	99
3) Chloromethane	1.25	50	168754	54.542	ug/L	99
5) Vinyl chloride	1.32	62	167936	52.060	ug/L	99
6) Bromomethane	1.53	94	96043	50.521	ug/L	98
8) Chloroethane	1.59	64	102542	48.551	ug/L	98
9) Trichlorofluoromethane	1.76	101	233057	49.415	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	126643	48.225	ug/L	99
12) 1,1-Dichloroethene	2.13	96	121273	47.961	ug/L	100
13) Acetone	2.18	43	222759	131.122	ug/L	99
14) Carbon disulfide	2.31	76	379967	50.765	ug/L	99
15) Methyl Acetate	2.44	43	144831	43.639	ug/L	99
16) Methylene chloride	2.52	84	130470	41.915	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	119092	44.620	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	385344	43.056	ug/L	99
19) 1,1-Dichloroethane	3.21	63	245775	46.921	ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	138726	49.180	ug/L	96
22) 2-Butanone	3.98	43	239914	120.522	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	71695	49.025	ug/L	96
25) Chloroform	4.40	83	249127	46.342	ug/L	97
27) 1,2-Dichloroethane	5.15	62	206574	47.232	ug/L	97
29) Cyclohexane	4.70	56	220361	49.981	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	218863	45.106	ug/L	100
31) Carbon tetrachloride	4.85	117	194288	47.508	ug/L	99
33) Benzene	5.12	78	543155	47.026	ug/L	100
34) Trichloroethene	5.93	95	149110	44.856	ug/L	99
35) Methylcyclohexane	6.15	83	186424	45.832	ug/L	99
37) 1,2-Dichloropropane	6.19	63	134924	42.527	ug/L	100
38) Bromodichloromethane	6.53	83	176287	43.752	ug/L	100
39) cis-1,3-Dichloropropene	7.04	75	211118	47.103	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	369813	89.694	ug/L	100
42) Toluene	7.41	91	541357	45.632	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	209522	45.618	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	122914	43.135	ug/L	99
46) Tetrachloroethene	7.99	164	106356	43.656	ug/L	98
48) 2-Hexanone	8.15	43	332558	102.175	ug/L	99
49) Dibromochloromethane	8.26	129	143731	46.149	ug/L	99
50) 1,2-Dibromoethane	8.37	107	134399	46.116	ug/L	100
51) Chlorobenzene	8.90	112	380915	48.377	ug/L	98
52) Ethylbenzene	9.03	91	656862	48.757	ug/L	98
53) m,p-Xylene	9.16	106	238651	48.259	ug/L	97
54) o-xylene	9.56	106	224851	47.873	ug/L	99
55) Styrene	9.58	104	410996	49.439	ug/L	98
56) Isopropylbenzene	9.95	105	613079	47.175	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	179237	45.093	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	163808	43.391	ug/L	99
61) Bromoform	9.75	173	106683	52.176	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	292299	48.651	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	297180	47.550	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	275916	45.744	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	39144	47.046	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	189034	48.576	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	179601	49.080	ug/L	99
69) Naphthalene	13.52	128	529520	51.358	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	182737	50.305	ug/L	100

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

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