

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018909.D
 Acq On : 15 Oct 2020 14:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05090

Quant Time: Oct 16 08:44:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 02:07:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362850	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	358610	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192825	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125388	41.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.96%
7) Chloroethane-d5	1.58	69	103708	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.64%
11) 1,1-Dichloroethene-d2	2.12	63	256561	45.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.00%
21) 2-Butanone-d5	3.91	46	194440	93.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.39%
24) Chloroform-d	4.37	84	249612	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
26) 1,2-Dichloroethane-d4	5.05	65	165713	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
32) Benzene-d6	5.07	84	483997	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
36) 1,2-Dichloropropane-d6	6.09	67	156391	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.44%
41) Toluene-d8	7.34	98	449305	47.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.68%
43) trans-1,3-Dichloropropene-	7.64	79	78492	47.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.94%
47) 2-Hexanone-d5	8.11	63	121705	97.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.88%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	186306	47.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	180869	46.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	159628	50.806	ug/L 98
3) Chloromethane	1.25	50	167129	47.166	ug/L 100
5) Vinyl chloride	1.32	62	164730	48.099	ug/L 99
6) Bromomethane	1.53	94	98973	47.366	ug/L 100
8) Chloroethane	1.60	64	101213	49.274	ug/L 98
9) Trichlorofluoromethane	1.77	101	229105	50.682	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	123604	52.511	ug/L 99
12) 1,1-Dichloroethene	2.13	96	116213	48.718	ug/L 99
13) Acetone	2.20	43	158112	103.933	ug/L 100
14) Carbon disulfide	2.31	76	392707	48.322	ug/L 99
15) Methyl Acetate	2.45	43	148629	47.560	ug/L 99
16) Methylene chloride	2.52	84	137922	48.196	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	130681	49.351	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	405676	48.489	ug/L 100
19) 1,1-Dichloroethane	3.21	63	250728	48.671	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	136120	48.501	ug/L 96
22) 2-Butanone	4.00	43	216407	104.622	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018909.D
 Acq On : 15 Oct 2020 14:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05090

Quant Time: Oct 16 08:44:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 02:07:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	70838	48.873	ug/L	99
25) Chloroform	4.40	83	249500	48.163	ug/L	98
27) 1,2-Dichloroethane	5.15	62	202597	47.876	ug/L	100
29) Cyclohexane	4.70	56	230807	54.158	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	219454	49.318	ug/L	100
31) Carbon tetrachloride	4.85	117	191077	50.453	ug/L	100
33) Benzene	5.12	78	547780	49.830	ug/L	100
34) Trichloroethene	5.94	95	152601	48.138	ug/L	98
35) Methylcyclohexane	6.15	83	208229	54.236	ug/L	98
37) 1,2-Dichloropropane	6.20	63	143959	48.919	ug/L	99
38) Bromodichloromethane	6.53	83	183426	48.616	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	224407	50.749	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	400233	98.621	ug/L	100
42) Toluene	7.41	91	582340	51.290	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	220176	51.382	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	131927	48.195	ug/L	99
46) Tetrachloroethene	8.00	164	111614	49.959	ug/L	98
48) 2-Hexanone	8.16	43	322053	100.087	ug/L	99
49) Dibromochloromethane	8.27	129	142778	49.268	ug/L	99
50) 1,2-Dibromoethane	8.37	107	136151	47.726	ug/L	99
51) Chlorobenzene	8.90	112	367233	49.611	ug/L	99
52) Ethylbenzene	9.03	91	640094	52.079	ug/L	100
53) m,p-Xylene	9.16	106	240261	52.470	ug/L	100
54) o-xylene	9.56	106	229834	52.464	ug/L	98
55) Styrene	9.58	104	407432	52.876	ug/L	99
56) Isopropylbenzene	9.95	105	615461	53.515	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	181075	48.717	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	169000	47.443	ug/L	99
61) Bromoform	9.75	173	101822	48.339	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	299586	50.117	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	306783	48.814	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	298395	49.477	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	41075	45.702	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	202060	50.320	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	186501	50.404	ug/L	100
69) Naphthalene	13.52	128	533671	50.822	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	188161	50.874	ug/L	99

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

