

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111720\
 Data File : VV019380.D
 Acq On : 17 Nov 2020 09:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Nov 18 05:26:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 17:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	230565	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	232333	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145345	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74987	43.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.30%
7) Chloroethane-d5	1.58	69	63616	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.10%
11) 1,1-Dichloroethene-d2	2.12	63	161803	45.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.50%
21) 2-Butanone-d5	3.90	46	82096	91.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.60%
24) Chloroform-d	4.37	84	156160	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
26) 1,2-Dichloroethane-d4	5.05	65	104096	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
32) Benzene-d6	5.07	84	267632	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
36) 1,2-Dichloropropane-d6	6.09	67	76731	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.28%
41) Toluene-d8	7.33	98	264641	45.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.38%
43) trans-1,3-Dichloropropene-	7.64	79	48128	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.68%
47) 2-Hexanone-d5	8.10	63	59895	96.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.03%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	109469	48.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.38%
64) 1,2-Dichlorobenzene-d4	11.64	152	124648	44.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	105264	54.446	ug/L 99
3) Chloromethane	1.25	50	89824	51.996	ug/L 100
5) Vinyl chloride	1.32	62	95914	51.505	ug/L 98
6) Bromomethane	1.53	94	67431	50.642	ug/L 97
8) Chloroethane	1.60	64	60631	51.630	ug/L 97
9) Trichlorofluoromethane	1.77	101	173509	51.940	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	85169	55.939	ug/L 100
12) 1,1-Dichloroethene	2.13	96	78995	50.833	ug/L 96
13) Acetone	2.19	43	73794	96.670	ug/L 98
14) Carbon disulfide	2.31	76	211143	49.138	ug/L 100
15) Methyl Acetate	2.44	43	62363	48.391	ug/L 100
16) Methylene chloride	2.52	84	76838	49.240	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	75916	50.787	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	236256	49.194	ug/L 99
19) 1,1-Dichloroethane	3.21	63	130625	50.398	ug/L 98
20) cis-1,2-Dichloroethene	3.93	96	79617	50.314	ug/L 99
22) 2-Butanone	3.99	43	88882	101.538	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	46461	50.911	ug/L	95
25) Chloroform	4.40	83	150704	49.992	ug/L	95
27) 1,2-Dichloroethane	5.15	62	122539	47.983	ug/L	98
29) Cyclohexane	4.70	56	105106	52.342	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	151582	49.668	ug/L	98
31) Carbon tetrachloride	4.85	117	138284	50.315	ug/L	100
33) Benzene	5.12	78	291028	49.656	ug/L	100
34) Trichloroethene	5.93	95	86720	49.061	ug/L	99
35) Methylcyclohexane	6.15	83	114247	52.299	ug/L	99
37) 1,2-Dichloropropane	6.19	63	72509	50.904	ug/L	100
38) Bromodichloromethane	6.53	83	114085	49.272	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	124836	51.117	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	173078	96.297	ug/L	100
42) Toluene	7.41	91	335554	50.897	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	131560	50.576	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	76155	49.288	ug/L	98
46) Tetrachloroethene	7.99	164	79406	50.999	ug/L	99
48) 2-Hexanone	8.15	43	138332	98.206	ug/L	99
49) Dibromochloromethane	8.26	129	101034	50.953	ug/L	96
50) 1,2-Dibromoethane	8.37	107	83929	49.650	ug/L	96
51) Chlorobenzene	8.90	112	227978	50.283	ug/L	98
52) Ethylbenzene	9.03	91	382182	51.834	ug/L	100
53) m,p-Xylene	9.15	106	148466	52.001	ug/L	95
54) o-xylene	9.56	106	141326	51.186	ug/L	97
55) Styrene	9.58	104	256184	52.467	ug/L	98
56) Isopropylbenzene	9.95	105	388756	52.439	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	104874	49.673	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	93473	48.051	ug/L	97
61) Bromoform	9.75	173	79482	48.032	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	206360	50.534	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	212998	49.861	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	201770	48.833	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	28314	47.443	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	158338	50.579	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	140931	50.042	ug/L	99
69) Naphthalene	13.52	128	312550	46.994	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	142634	50.333	ug/L	100

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

