

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018933.D
 Acq On : 16 Oct 2020 00:08
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Quant Time: Oct 16 08:48:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	315716	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312932	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167608	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113640	43.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.46%
7) Chloroethane-d5	1.58	69	96332	46.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.58%
11) 1,1-Dichloroethene-d2	2.12	63	233929	47.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.36%
21) 2-Butanone-d5	3.91	46	171437	94.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.64%
24) Chloroform-d	4.37	84	215045	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.10%
26) 1,2-Dichloroethane-d4	5.06	65	146341	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
32) Benzene-d6	5.07	84	405216	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.72%
36) 1,2-Dichloropropane-d6	6.09	67	129491	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.66%
41) Toluene-d8	7.34	98	374190	45.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.32%
43) trans-1,3-Dichloropropene-	7.64	79	66815	46.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.60%
47) 2-Hexanone-d5	8.11	63	106309	97.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.98%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	161033	47.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	154914	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	139156	50.902	ug/L 99
3) Chloromethane	1.25	50	155674	50.492	ug/L 99
5) Vinyl chloride	1.32	62	158178	53.081	ug/L 99
6) Bromomethane	1.53	94	92205	50.715	ug/L 98
8) Chloroethane	1.60	64	96885	54.209	ug/L 99
9) Trichlorofluoromethane	1.76	101	214129	54.441	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	111894	54.633	ug/L 99
12) 1,1-Dichloroethene	2.13	96	110286	53.136	ug/L 96
13) Acetone	2.20	43	132818	100.340	ug/L 99
14) Carbon disulfide	2.31	76	362389	51.248	ug/L 99
15) Methyl Acetate	2.45	43	144144	53.011	ug/L 100
16) Methylene chloride	2.52	84	133241	53.511	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	118323	51.355	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	378712	52.024	ug/L 99
19) 1,1-Dichloroethane	3.21	63	235322	52.500	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	119072	48.761	ug/L 100
22) 2-Butanone	4.00	43	175836	97.699	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	60887	48.279	ug/L	98
25) Chloroform	4.40	83	221586	49.161	ug/L	100
27) 1,2-Dichloroethane	5.15	62	184198	50.026	ug/L	100
29) Cyclohexane	4.70	56	194323	52.253	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	196833	50.691	ug/L	99
31) Carbon tetrachloride	4.86	117	170713	51.655	ug/L	100
33) Benzene	5.13	78	475334	49.552	ug/L	100
34) Trichloroethene	5.94	95	131999	47.717	ug/L	98
35) Methylcyclohexane	6.15	83	171256	51.117	ug/L	99
37) 1,2-Dichloropropane	6.20	63	125509	48.875	ug/L	100
38) Bromodichloromethane	6.53	83	162384	49.321	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	191111	49.528	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	355464	100.375	ug/L	99
42) Toluene	7.41	91	507861	51.260	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	190994	51.078	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	114244	47.828	ug/L	99
46) Tetrachloroethene	8.00	164	96466	49.481	ug/L	98
48) 2-Hexanone	8.16	43	280013	99.724	ug/L	99
49) Dibromochloromethane	8.27	129	125857	49.768	ug/L	99
50) 1,2-Dibromoethane	8.37	107	118945	47.781	ug/L	100
51) Chlorobenzene	8.90	112	314954	48.759	ug/L	99
52) Ethylbenzene	9.03	91	551701	51.439	ug/L	100
53) m,p-Xylene	9.16	106	205998	51.554	ug/L	99
54) o-xylene	9.56	106	195703	51.194	ug/L	97
55) Styrene	9.58	104	355324	52.844	ug/L	100
56) Isopropylbenzene	9.95	105	532112	53.022	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	159571	49.198	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	149132	47.977	ug/L	99
61) Bromoform	9.75	173	90783	49.583	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	254459	48.972	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	259790	47.556	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	255639	48.765	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	37801	48.387	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	174963	50.127	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	162607	50.558	ug/L	99
69) Naphthalene	13.52	128	473349	51.860	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	165731	51.551	ug/L	100

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

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