

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061620\
 Data File : VW015612.D
 Acq On : 16 Jun 2020 17:04
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02509

Quant Time: Jun 17 06:29:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 17 06:26:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	316476	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298004	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149933	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	58829	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.12%
7) Chloroethane-d5	2.90	69	69814	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
10) 1,1-Dichloroethene-d2	4.02	63	155273	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.88%
20) 2-Butanone-d5	7.09	46	54733	57.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.60%
24) Chloroform-d	7.65	84	182237	24.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	8.31	65	102217	25.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.40%
29) Benzene-d6	8.27	84	333802	22.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.36%
33) 1,2-Dichloropropane-d6	9.27	67	105731	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.24%
37) Toluene-d8	10.32	98	320909	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.36%
38) trans-1,3-Dichloropropene-	10.58	79	44886	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.40%
39) 2-Hexanone-d5	10.93	63	44963	58.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91976	27.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	117451	23.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	61704	22.070	ug/L 96
3) Chloromethane	2.21	50	64562	20.977	ug/L 99
5) Vinyl chloride	2.37	62	112074	24.214	ug/L 98
6) Bromomethane	2.79	94	72446	24.082	ug/L 99
8) Chloroethane	2.93	64	69601	24.703	ug/L 99
9) Trichlorofluoromethane	3.27	101	90586	27.501	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	95953	24.562	ug/L 99
12) 1,1-Dichloroethene	4.04	96	89406	23.692	ug/L 93
13) Acetone	4.12	43	45553	62.231	ug/L 99
14) Carbon disulfide	4.39	76	263038	20.894	ug/L 100
15) Methyl Acetate	4.67	43	42506	26.840	ug/L 99
16) Methylene chloride	4.92	84	102343	26.349	ug/L 96
17) Methyl tert-butyl Ether	5.43	73	154432	25.788	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	97692	24.156	ug/L 99
19) 1,1-Dichloroethane	6.22	63	180901	24.869	ug/L 99
21) 2-Butanone	7.18	43	59813	53.192	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	105248	24.947	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	46324	25.464	ug/L	97
25) Chloroform	7.68	83	185874	25.378	ug/L	100
27) 1,2-Dichloroethane	8.40	62	131128	26.464	ug/L	99
30) Cyclohexane	7.96	56	161652	21.945	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	163988	24.598	ug/L	99
32) Carbon tetrachloride	8.07	117	147827	24.176	ug/L	100
34) Benzene	8.33	78	409132	24.550	ug/L	100
35) Trichloroethene	9.09	95	107591	24.035	ug/L	99
36) Methylcyclohexane	9.34	83	185581	23.244	ug/L	99
40) 1,2-Dichloropropane	9.37	63	102112	24.881	ug/L	100
41) Bromodichloromethane	9.65	83	134025	24.445	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	160237	24.399	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	128849	53.560	ug/L	100
44) Toluene	10.39	91	454742	25.045	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	141865	24.822	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	76947	26.800	ug/L	98
47) Tetrachloroethene	10.87	164	85952	24.222	ug/L	98
49) 2-Hexanone	10.97	43	91576	56.396	ug/L	100
50) Dibromochloromethane	11.13	129	89340	25.611	ug/L	98
51) 1,2-Dibromoethane	11.24	107	73204	26.558	ug/L	100
52) Chlorobenzene	11.66	112	287070	25.207	ug/L	99
53) Ethylbenzene	11.73	91	517956	24.844	ug/L	100
54) m,p-Xylene	11.84	106	193579	24.744	ug/L	99
55) o-xylene	12.17	106	184327	24.822	ug/L	98
56) Styrene	12.18	104	323461	25.492	ug/L	100
57) Isopropylbenzene	12.46	105	517619	25.023	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	91807	27.619	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	68829	27.309	ug/L	99
62) Bromoform	12.35	173	50645	24.243	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	226899	24.731	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	223791	24.894	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	202735	25.428	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	15442	25.532	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	160953	25.339	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	135083	26.405	ug/L	96
69) Naphthalene	15.37	128	251206	27.043	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	114504	26.309	ug/L	99

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

