

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060920\
 Data File : VW015577.D
 Acq On : 09 Jun 2020 17:07
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Jun 10 03:30:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 12:46:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	311840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	290060	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140327	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	69415	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.16%
7) Chloroethane-d5	2.90	69	77847	27.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.56%
10) 1,1-Dichloroethene-d2	4.02	63	160819	23.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.40%
20) 2-Butanone-d5	7.09	46	52845	56.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.28%
24) Chloroform-d	7.65	84	188012	26.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.28%
26) 1,2-Dichloroethane-d4	8.31	65	110165	27.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.84%
29) Benzene-d6	8.28	84	360212	25.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.28%
33) 1,2-Dichloropropane-d6	9.28	67	111241	25.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.92%
37) Toluene-d8	10.33	98	343389	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.32%
38) trans-1,3-Dichloropropene-	10.58	79	46765	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.56%
39) 2-Hexanone-d5	10.93	63	45646	60.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95372	29.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	122005	25.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	61984	22.499	ug/L 95
3) Chloromethane	2.21	50	63415	20.910	ug/L 98
5) Vinyl chloride	2.37	62	106689	23.393	ug/L 100
6) Bromomethane	2.79	94	74066	24.986	ug/L 99
8) Chloroethane	2.93	64	69146	24.907	ug/L 98
9) Trichlorofluoromethane	3.27	101	74067	22.821	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	90443	23.495	ug/L 98
12) 1,1-Dichloroethene	4.04	96	84697	22.778	ug/L 93
13) Acetone	4.14	43	34800	48.248	ug/L 99
14) Carbon disulfide	4.39	76	258911	20.872	ug/L 99
15) Methyl Acetate	4.68	43	42401	27.172	ug/L 98
16) Methylene chloride	4.92	84	96969	25.336	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	148879	25.231	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	95594	23.989	ug/L 99
19) 1,1-Dichloroethane	6.22	63	176430	24.615	ug/L 100
21) 2-Butanone	7.18	43	56427	50.926	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	105342	25.341	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	47054	26.249	ug/L	98
25) Chloroform	7.68	83	185775	25.741	ug/L	99
27) 1,2-Dichloroethane	8.40	62	133762	27.397	ug/L	100
30) Cyclohexane	7.96	56	157269	21.934	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	155502	23.964	ug/L	100
32) Carbon tetrachloride	8.07	117	141434	23.764	ug/L	99
34) Benzene	8.33	78	406129	25.037	ug/L	100
35) Trichloroethene	9.09	95	106243	24.383	ug/L	99
36) Methylcyclohexane	9.34	83	177592	22.853	ug/L	100
40) 1,2-Dichloropropane	9.37	63	100953	25.272	ug/L	100
41) Bromodichloromethane	9.65	83	135096	25.315	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	161174	25.214	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	128903	55.050	ug/L	100
44) Toluene	10.39	91	441416	24.977	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	142011	25.528	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	76437	27.351	ug/L	98
47) Tetrachloroethene	10.87	164	84276	24.400	ug/L	97
49) 2-Hexanone	10.97	43	89517	56.638	ug/L	99
50) Dibromochloromethane	11.13	129	88989	26.209	ug/L	98
51) 1,2-Dibromoethane	11.24	107	72906	27.174	ug/L	98
52) Chlorobenzene	11.66	112	278728	25.145	ug/L	99
53) Ethylbenzene	11.73	91	501679	24.722	ug/L	99
54) m,p-Xylene	11.84	106	190275	24.988	ug/L	97
55) o-xylene	12.17	106	181987	25.178	ug/L	99
56) Styrene	12.18	104	318198	25.764	ug/L	98
57) Isopropylbenzene	12.47	105	499105	24.789	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	92809	28.685	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	70667	28.806	ug/L	99
62) Bromoform	12.35	173	49444	25.288	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	221439	25.788	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	219022	26.031	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	201518	27.006	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	15415	27.232	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	153891	25.886	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	126718	26.465	ug/L	100
69) Naphthalene	15.37	128	256503	29.503	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	114601	28.134	ug/L	99

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

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