

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015915.D
 Acq On : 22 Jul 2020 20:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Jul 23 03:07:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	389867	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367334	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171713	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	115408	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
7) Chloroethane-d5	2.89	69	102480	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.76%
10) 1,1-Dichloroethene-d2	4.02	63	248052	22.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.20%
20) 2-Butanone-d5	7.09	46	91032	62.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.98%
24) Chloroform-d	7.65	84	257527	23.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.08%
26) 1,2-Dichloroethane-d4	8.31	65	144098	23.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.88%
29) Benzene-d6	8.27	84	500068	22.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.48%
33) 1,2-Dichloropropane-d6	9.27	67	149571	22.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.24%
37) Toluene-d8	10.32	98	451049	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.08%
38) trans-1,3-Dichloropropene-	10.58	79	61339	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.88%
39) 2-Hexanone-d5	10.93	63	69656	62.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140509	27.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	152892	22.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	86268	26.150	ug/L 97
3) Chloromethane	2.21	50	103886	26.037	ug/L 98
5) Vinyl chloride	2.37	62	150955	24.530	ug/L 99
6) Bromomethane	2.78	94	91328	24.876	ug/L 99
8) Chloroethane	2.93	64	92262	25.593	ug/L 96
9) Trichlorofluoromethane	3.26	101	107945	26.096	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	129037	25.519	ug/L 98
12) 1,1-Dichloroethene	4.04	96	126185	25.178	ug/L 98
13) Acetone	4.12	43	63339	52.193	ug/L 96
14) Carbon disulfide	4.38	76	379628	23.985	ug/L 99
15) Methyl Acetate	4.68	43	72796	31.814	ug/L 99
16) Methylene chloride	4.92	84	145052	22.706	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	202801	28.616	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	131684	24.882	ug/L 97
19) 1,1-Dichloroethane	6.22	63	247996	25.429	ug/L 98
21) 2-Butanone	7.18	43	96874	64.554	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	142711	25.774	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	65367	26.922	ug/L	94
25) Chloroform	7.68	83	250589	25.926	ug/L	98
27) 1,2-Dichloroethane	8.40	62	173458	26.374	ug/L	99
30) Cyclohexane	7.96	56	218745	23.617	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	207409	24.181	ug/L	99
32) Carbon tetrachloride	8.07	117	186098	23.927	ug/L	99
34) Benzene	8.33	78	555171	24.884	ug/L	100
35) Trichloroethene	9.09	95	140885	23.871	ug/L	99
36) Methylcyclohexane	9.34	83	245295	24.222	ug/L	99
40) 1,2-Dichloropropane	9.37	63	139980	25.327	ug/L	100
41) Bromodichloromethane	9.65	83	176412	24.715	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	206195	24.495	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	204210	63.301	ug/L	99
44) Toluene	10.39	91	582732	24.904	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	185947	25.485	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	106425	26.777	ug/L	99
47) Tetrachloroethene	10.87	164	110426	24.105	ug/L	92
49) 2-Hexanone	10.97	43	144229	63.001	ug/L	99
50) Dibromochloromethane	11.13	129	118720	25.801	ug/L	100
51) 1,2-Dibromoethane	11.24	107	104514	27.489	ug/L	99
52) Chlorobenzene	11.66	112	374048	24.947	ug/L	99
53) Ethylbenzene	11.73	91	657500	24.988	ug/L	99
54) m,p-Xylene	11.84	106	247116	25.102	ug/L	97
55) o-xylene	12.17	106	235486	25.404	ug/L	98
56) Styrene	12.18	104	409389	25.970	ug/L	100
57) Isopropylbenzene	12.47	105	638631	25.309	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	137705	29.506	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	104216	29.803	ug/L	100
62) Bromoform	12.35	173	70601	27.950	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	274983	25.021	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	273372	24.510	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	258088	25.854	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	23904	31.814	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	185511	24.007	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	150638	24.542	ug/L	97
69) Naphthalene	15.37	128	347117	30.019	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	145835	26.666	ug/L	100

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

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