

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072720\
 Data File : VW015972.D
 Acq On : 27 Jul 2020 17:23
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

Quant Time: Jul 28 01:39:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 28 01:36:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	437609	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	409239	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195510	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116959	18.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.76%
7) Chloroethane-d5	2.89	69	111325	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.80%
10) 1,1-Dichloroethene-d2	4.02	63	283546	22.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.84%
20) 2-Butanone-d5	7.09	46	105255	64.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.78%
24) Chloroform-d	7.65	84	308052	25.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	8.31	65	169617	25.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.56%
29) Benzene-d6	8.27	84	606654	24.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.40%
33) 1,2-Dichloropropane-d6	9.27	67	186851	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.08%
37) Toluene-d8	10.33	98	539748	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.68%
38) trans-1,3-Dichloropropene-	10.58	79	75988	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.48%
39) 2-Hexanone-d5	10.93	63	80848	65.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	167539	29.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	194030	25.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	98345	26.559	ug/L 98
3) Chloromethane	2.21	50	114184	25.496	ug/L 100
5) Vinyl chloride	2.37	62	169104	24.481	ug/L 100
6) Bromomethane	2.78	94	101929	24.735	ug/L 98
8) Chloroethane	2.93	64	103585	25.599	ug/L 99
9) Trichlorofluoromethane	3.26	101	124675	26.852	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	154815	27.277	ug/L 98
12) 1,1-Dichloroethene	4.04	96	149727	26.616	ug/L 94
13) Acetone	4.13	43	82746	60.746	ug/L 95
14) Carbon disulfide	4.38	76	440286	24.783	ug/L 100
15) Methyl Acetate	4.68	43	81864	31.874	ug/L 98
16) Methylene chloride	4.92	84	187120	26.095	ug/L 95
17) Methyl tert-butyl Ether	5.43	73	237678	29.878	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	162706	27.390	ug/L 97
19) 1,1-Dichloroethane	6.22	63	300654	27.465	ug/L 99
21) 2-Butanone	7.18	43	115760	68.723	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	175728	28.275	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	78144	28.673	ug/L	92
25) Chloroform	7.68	83	302924	27.921	ug/L	98
27) 1,2-Dichloroethane	8.40	62	198944	26.949	ug/L	95
30) Cyclohexane	7.96	56	267962	25.968	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	245238	25.664	ug/L	99
32) Carbon tetrachloride	8.07	117	222110	25.632	ug/L	100
34) Benzene	8.32	78	675818	27.190	ug/L	100
35) Trichloroethene	9.09	95	170878	25.989	ug/L	97
36) Methylcyclohexane	9.34	83	299367	26.535	ug/L	99
40) 1,2-Dichloropropane	9.37	63	171929	27.922	ug/L	100
41) Bromodichloromethane	9.65	83	214494	26.974	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	262214	27.961	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	225194	62.657	ug/L	98
44) Toluene	10.39	91	713361	27.364	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	229052	28.178	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	129440	29.233	ug/L	99
47) Tetrachloroethene	10.87	164	135939	26.636	ug/L	95
49) 2-Hexanone	10.97	43	161506	63.324	ug/L	96
50) Dibromochloromethane	11.13	129	146191	28.517	ug/L	99
51) 1,2-Dibromoethane	11.24	107	124281	29.340	ug/L	97
52) Chlorobenzene	11.66	112	451665	27.039	ug/L	98
53) Ethylbenzene	11.73	91	793918	27.083	ug/L	100
54) m,p-Xylene	11.84	106	300048	27.358	ug/L	97
55) o-xylene	12.17	106	285737	27.669	ug/L	95
56) Styrene	12.18	104	503433	28.666	ug/L	100
57) Isopropylbenzene	12.47	105	793993	28.244	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	160176	30.806	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	120134	30.838	ug/L	99
62) Bromoform	12.35	173	83488	29.028	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	347902	27.803	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	353340	27.823	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	312060	27.456	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	26585	31.076	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	249835	28.396	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	207636	29.711	ug/L	98
69) Naphthalene	15.37	128	423324	32.153	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	184723	29.666	ug/L	98

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

