

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016060.D
 Acq On : 06 Aug 2020 21:50
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Aug 07 07:44:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 07:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	281396	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	262719	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	130235	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93250	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.92%
7) Chloroethane-d5	2.89	69	72821	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.32%
10) 1,1-Dichloroethene-d2	4.01	63	190422	23.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.88%
20) 2-Butanone-d5	7.09	46	55144	52.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.74%
24) Chloroform-d	7.65	84	205389	25.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.96%
26) 1,2-Dichloroethane-d4	8.31	65	105892	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.64%
29) Benzene-d6	8.27	84	412030	25.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.08%
33) 1,2-Dichloropropane-d6	9.27	67	120087	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.20%
37) Toluene-d8	10.32	98	386127	26.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.64%
38) trans-1,3-Dichloropropene-	10.58	79	52170	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.12%
39) 2-Hexanone-d5	10.93	63	46858	58.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103602	28.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	135728	26.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	47572	19.979	ug/L	95
3) Chloromethane	2.21	50	54543	18.940	ug/L	100
5) Vinyl chloride	2.37	62	83152	18.721	ug/L	97
6) Bromomethane	2.78	94	53437	20.166	ug/L	98
8) Chloroethane	2.93	64	52023	19.993	ug/L	98
9) Trichlorofluoromethane	3.26	101	59277	19.854	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	89960	24.649	ug/L	94
12) 1,1-Dichloroethene	4.03	96	86539	23.924	ug/L	87
13) Acetone	4.15	43	33748	38.529	ug/L	93
14) Carbon disulfide	4.37	76	228180	19.974	ug/L	100
15) Methyl Acetate	4.68	43	41294	25.003	ug/L	93
16) Methylene chloride	4.91	84	108880	23.613	ug/L	87
17) Methyl tert-butyl Ether	5.43	73	133011	26.003	ug/L	95
18) trans-1,2-Dichloroethene	5.42	96	91858	24.048	ug/L	92
19) 1,1-Dichloroethane	6.21	63	164831	23.416	ug/L	99
21) 2-Butanone	7.18	43	52667	48.624	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	101452	25.385	ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	48052	27.420	ug/L	90
25) Chloroform	7.68	83	174758	25.050	ug/L	99
27) 1,2-Dichloroethane	8.40	62	108907	22.942	ug/L #	94
30) Cyclohexane	7.95	56	138017	20.835	ug/L	95
31) 1,1,1-Trichloroethane	7.87	97	144673	23.584	ug/L	96
32) Carbon tetrachloride	8.07	117	136255	24.494	ug/L	97
34) Benzene	8.32	78	379570	23.788	ug/L	100
35) Trichloroethene	9.09	95	100989	23.925	ug/L	94
36) Methylcyclohexane	9.34	83	164110	22.658	ug/L	96
40) 1,2-Dichloropropane	9.37	63	93108	23.554	ug/L	98
41) Bromodichloromethane	9.65	83	125318	24.548	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	143135	23.775	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	121034	52.458	ug/L	94
44) Toluene	10.39	91	417440	24.943	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	127777	24.486	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	75492	26.558	ug/L	98
47) Tetrachloroethene	10.87	164	85955	26.235	ug/L	93
49) 2-Hexanone	10.97	43	82713	50.517	ug/L #	93
50) Dibromochloromethane	11.13	129	90940	27.633	ug/L	98
51) 1,2-Dibromoethane	11.24	107	73024	26.854	ug/L	98
52) Chlorobenzene	11.66	112	266434	24.845	ug/L	96
53) Ethylbenzene	11.73	91	466944	24.813	ug/L	99
54) m,p-Xylene	11.84	106	179039	25.429	ug/L	89
55) o-xylene	12.17	106	171733	25.904	ug/L	93
56) Styrene	12.18	104	297725	26.407	ug/L	99
57) Isopropylbenzene	12.46	105	463327	25.673	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	91832	27.512	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	69199	27.669	ug/L	99
62) Bromoform	12.35	173	55349	28.890	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	217254	26.065	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	213003	25.179	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	194287	25.661	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	15551	27.289	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	154687	26.393	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	126155	27.100	ug/L	98
69) Naphthalene	15.36	128	254846	29.058	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	119295	28.761	ug/L	98

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

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