

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070220\
 Data File : VW015780.D
 Acq On : 02 Jul 2020 18:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02521

Quant Time: Jul 06 01:37:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 06 01:14:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	287090	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	274716	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	141768	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	100751	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
7) Chloroethane-d5	2.90	69	86766	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.16%
10) 1,1-Dichloroethene-d2	4.02	63	188057	22.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.88%
20) 2-Butanone-d5	7.08	46	63163	64.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.44%
24) Chloroform-d	7.65	84	200541	25.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	8.31	65	118849	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.44%
29) Benzene-d6	8.28	84	385138	23.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.04%
33) 1,2-Dichloropropane-d6	9.28	67	116650	24.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.20%
37) Toluene-d8	10.32	98	354866	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.12%
38) trans-1,3-Dichloropropene-	10.58	79	53058	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.80%
39) 2-Hexanone-d5	10.93	63	49984	63.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108344	29.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	136969	24.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	70269	25.959	ug/L	99
3) Chloromethane	2.21	50	68433	23.492	ug/L	98
5) Vinyl chloride	2.37	62	116701	26.748	ug/L	98
6) Bromomethane	2.79	94	74675	25.833	ug/L	98
8) Chloroethane	2.93	64	72337	26.574	ug/L	98
9) Trichlorofluoromethane	3.26	101	79315	24.861	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	93402	27.003	ug/L	99
12) 1,1-Dichloroethene	4.04	96	87375	26.168	ug/L	91
13) Acetone	4.13	43	46968	56.986	ug/L	98
14) Carbon disulfide	4.39	76	263555	25.418	ug/L	98
15) Methyl Acetate	4.67	43	47915	32.451	ug/L #	79
16) Methylene chloride	4.92	84	110739	26.289	ug/L	100
17) Methyl tert-butyl Ether	5.43	73	145544	28.447	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	96365	26.884	ug/L	100
19) 1,1-Dichloroethane	6.22	63	175031	27.083	ug/L	99
21) 2-Butanone	7.18	43	65480	64.265	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	104056	28.082	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	47075	28.843	ug/L	91
25) Chloroform	7.68	83	184174	28.213	ug/L	100
27) 1,2-Dichloroethane	8.40	62	133256	29.522	ug/L	100
30) Cyclohexane	7.96	56	156788	25.306	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	149957	25.220	ug/L	97
32) Carbon tetrachloride	8.07	117	139278	25.918	ug/L	98
34) Benzene	8.32	78	400773	26.564	ug/L	100
35) Trichloroethene	9.09	95	104438	25.959	ug/L	99
36) Methylcyclohexane	9.34	83	179953	25.933	ug/L	99
40) 1,2-Dichloropropane	9.37	63	99468	27.088	ug/L	99
41) Bromodichloromethane	9.65	83	130634	27.381	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	155751	27.172	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	139093	64.924	ug/L	99
44) Toluene	10.39	91	438158	26.732	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	139628	27.986	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	77505	29.238	ug/L	99
47) Tetrachloroethene	10.87	164	82391	25.485	ug/L	94
49) 2-Hexanone	10.97	43	97321	64.486	ug/L	99
50) Dibromochloromethane	11.13	129	87508	28.201	ug/L	96
51) 1,2-Dibromoethane	11.24	107	76575	29.800	ug/L	98
52) Chlorobenzene	11.66	112	278229	27.006	ug/L	99
53) Ethylbenzene	11.73	91	503096	27.147	ug/L	97
54) m,p-Xylene	11.84	106	189254	27.321	ug/L	95
55) o-xylene	12.17	106	180947	27.332	ug/L	98
56) Styrene	12.18	104	317457	28.249	ug/L	100
57) Isopropylbenzene	12.47	105	500989	27.397	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	98788	31.317	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	75385	31.643	ug/L	98
62) Bromoform	12.35	173	50115	27.556	ug/L #	96
63) 1,3-Dichlorobenzene	13.50	146	222528	26.462	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	223171	26.640	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	207106	27.854	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	16459	30.906	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	157600	27.327	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	134006	28.797	ug/L	99
69) Naphthalene	15.37	128	271954	31.942	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	119111	29.606	ug/L	99

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

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