

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120619\
 Data File : VW014240.D
 Acq On : 06 Dec 2019 09:07
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Dec 07 04:07:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 17:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1360524	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1206645	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	580053	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	579116	28.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.44%
7) Chloroethane-d5	2.89	69	440320	28.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.96%
10) 1,1-Dichloroethene-d2	4.02	63	999954	27.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	109.92%
20) 2-Butanone-d5	7.07	46	274836	51.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.38%
24) Chloroform-d	7.64	84	956165	27.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	8.30	65	487222	26.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.32%
29) Benzene-d6	8.27	84	2050314	28.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.96%
33) 1,2-Dichloropropane-d6	9.27	67	613207	28.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.72%
37) Toluene-d8	10.32	98	1861002	29.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.40%
38) trans-1,3-Dichloropropene-	10.57	79	254999	27.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.76%
39) 2-Hexanone-d5	10.92	63	222493	51.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	465793	26.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	611730	27.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	301239	23.280	ug/L	98
3) Chloromethane	2.21	50	293486	22.561	ug/L	96
5) Vinyl chloride	2.36	62	484208	25.139	ug/L	95
6) Bromomethane	2.78	94	286314	24.099	ug/L	100
8) Chloroethane	2.92	64	275158	25.005	ug/L	96
9) Trichlorofluoromethane	3.26	101	281504	29.522	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	429485	23.933	ug/L	95
12) 1,1-Dichloroethene	4.04	96	434395	23.910	ug/L	84
13) Acetone	4.11	43	271165	52.387	ug/L	99
14) Carbon disulfide	4.38	76	1358595	24.382	ug/L	100
15) Methyl Acetate	4.66	43	202903	20.724	ug/L	97
16) Methylene chloride	4.91	84	445137	21.343	ug/L	100
17) Methyl tert-butyl Ether	5.42	73	517549	21.602	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	458248	23.552	ug/L	93
19) 1,1-Dichloroethane	6.21	63	812060	23.231	ug/L	97
21) 2-Butanone	7.17	43	317732	45.721	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	475021	22.945	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	202231	21.236	ug/L	84
25) Chloroform	7.67	83	777117	22.877	ug/L	99
27) 1,2-Dichloroethane	8.40	62	484724	21.792	ug/L	97
30) Cyclohexane	7.95	56	794387	26.376	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	608403	25.106	ug/L	98
32) Carbon tetrachloride	8.07	117	574279	24.976	ug/L	100
34) Benzene	8.32	78	1845220	24.151	ug/L	100
35) Trichloroethene	9.09	95	468585	23.971	ug/L	95
36) Methylcyclohexane	9.33	83	837136	25.485	ug/L	97
40) 1,2-Dichloropropane	9.37	63	452438	23.051	ug/L	99
41) Bromodichloromethane	9.64	83	536927	22.509	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	690197	23.481	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	556316	42.982	ug/L	98
44) Toluene	10.38	91	1954832	24.405	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	547531	23.011	ug/L	98
46) 1,1,2-Trichloroethane	10.78	97	316695	21.532	ug/L	97
47) Tetrachloroethene	10.86	164	383762	23.554	ug/L	95
49) 2-Hexanone	10.96	43	419613	45.537	ug/L	98
50) Dibromochloromethane	11.13	129	359323	21.767	ug/L	100
51) 1,2-Dibromoethane	11.23	107	300887	21.597	ug/L	96
52) Chlorobenzene	11.65	112	1184719	22.885	ug/L	95
53) Ethylbenzene	11.73	91	2115641	24.342	ug/L	98
54) m,p-Xylene	11.84	106	816156	24.411	ug/L	99
55) o-xylene	12.16	106	759946	23.964	ug/L	98
56) Styrene	12.18	104	1295816	23.886	ug/L	97
57) Isopropylbenzene	12.46	105	2035821	24.728	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	382232	20.938	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	284616	20.982	ug/L	100
62) Bromoform	12.35	173	208238	21.152	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	910903	23.364	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	901306	22.754	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	824931	22.753	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	56057	20.043	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	679351	24.219	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	521483	23.848	ug/L	97
69) Naphthalene	15.36	128	943368	22.941	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	485145	23.658	ug/L	99

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

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