

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073119\
 Data File : VW011582.D
 Acq On : 31 Jul 2019 10:00
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Quant Time: Aug 01 05:18:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	338055	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143254	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123404	25.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.68%
7) Chloroethane-d5	2.89	69	88415	25.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.16%
10) 1,1-Dichloroethene-d2	4.02	63	277749	25.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.80%
20) 2-Butanone-d5	7.07	46	135500	63.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.44%
24) Chloroform-d	7.65	84	229504	24.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.88%
26) 1,2-Dichloroethane-d4	8.30	65	135952	24.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.96%
29) Benzene-d6	8.27	84	470591	25.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.20%
33) 1,2-Dichloropropane-d6	9.27	67	149433	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.56%
37) Toluene-d8	10.32	98	416574	25.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.96%
38) trans-1,3-Dichloropropene-	10.58	79	64955	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.72%
39) 2-Hexanone-d5	10.92	63	83940	59.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129300	25.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	132674	24.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	105040	27.725	ug/L	97
3) Chloromethane	2.21	50	124890	25.342	ug/L	98
5) Vinyl chloride	2.36	62	168694	26.830	ug/L	97
6) Bromomethane	2.78	94	78743	26.565	ug/L	100
8) Chloroethane	2.92	64	87057	26.474	ug/L	98
9) Trichlorofluoromethane	3.25	101	86405	26.977	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	127527	26.263	ug/L	98
12) 1,1-Dichloroethene	4.04	96	128096	26.382	ug/L	96
13) Acetone	4.12	43	158764	69.160	ug/L	98
14) Carbon disulfide	4.38	76	416945	26.366	ug/L	99
15) Methyl Acetate	4.67	43	113310	30.189	ug/L	100
16) Methylene chloride	4.92	84	128981	24.449	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	199157	24.631	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	130863	26.087	ug/L	97
19) 1,1-Dichloroethane	6.21	63	259623	25.908	ug/L	99
21) 2-Butanone	7.16	43	191762	66.627	ug/L	100
22) cis-1,2-Dichloroethene	7.16	96	136578	26.024	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	56537	25.319	ug/L	99
25) Chloroform	7.67	83	233927	25.326	ug/L	99
27) 1,2-Dichloroethane	8.40	62	173025	25.305	ug/L	98
30) Cyclohexane	7.95	56	273811	26.633	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	191425	26.563	ug/L	99
32) Carbon tetrachloride	8.07	117	178925	26.391	ug/L	100
34) Benzene	8.32	78	544962	26.294	ug/L	100
35) Trichloroethene	9.09	95	138321	26.289	ug/L	99
36) Methylcyclohexane	9.34	83	251698	26.369	ug/L	99
40) 1,2-Dichloropropane	9.37	63	141979	25.663	ug/L	99
41) Bromodichloromethane	9.64	83	167090	25.594	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	218101	26.356	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	293054	58.463	ug/L	99
44) Toluene	10.38	91	559255	26.559	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	176597	25.650	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	96289	25.528	ug/L	98
47) Tetrachloroethene	10.86	164	103922	25.858	ug/L	95
49) 2-Hexanone	10.97	43	241332	62.491	ug/L	99
50) Dibromochloromethane	11.13	129	107221	25.790	ug/L	99
51) 1,2-Dibromoethane	11.24	107	94553	25.761	ug/L	99
52) Chlorobenzene	11.66	112	325278	25.604	ug/L	99
53) Ethylbenzene	11.73	91	617560	26.299	ug/L	100
54) m,p-Xylene	11.84	106	225326	26.388	ug/L	99
55) o-xylene	12.16	106	210488	26.193	ug/L	100
56) Styrene	12.18	104	365744	26.771	ug/L	99
57) Isopropylbenzene	12.46	105	586518	26.530	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	133675	26.669	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	104363	26.995	ug/L	98
62) Bromoform	12.35	173	65414	25.523	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	247449	25.450	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	248167	25.417	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	222640	25.288	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	26527	29.111	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	187103	26.145	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	152371	26.438	ug/L	98
69) Naphthalene	15.37	128	322102	27.752	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	136859	25.639	ug/L	98

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

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