

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004452.D
 Acq On : 03 Aug 2018 17:12
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02598

Quant Time: Aug 04 01:28:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 04 01:26:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	914401	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	890173	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	456342	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	248521	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.40%
7) Chloroethane-d5	2.89	69	210202	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.88%
10) 1,1-Dichloroethene-d2	4.01	63	543041	23.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.04%
20) 2-Butanone-d5	7.09	46	215340	42.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.88%
24) Chloroform-d	7.65	84	569401	23.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	8.31	65	316762	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.80%
29) Benzene-d6	8.28	84	1089937	23.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.08%
33) 1,2-Dichloropropane-d6	9.27	67	348240	22.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.00%
37) Toluene-d8	10.33	98	966716	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.64%
38) trans-1,3-Dichloropropene-	10.58	79	140525	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.32%
39) 2-Hexanone-d5	10.93	63	169989	45.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.24%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	376440	22.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	379617	22.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	231206	24.319 ug/L	97
3) Chloromethane	2.22	50	303148	24.141 ug/L	99
5) Vinyl chloride	2.37	62	430173	26.252 ug/L	95
6) Bromomethane	2.78	94	229436	24.210 ug/L	99
8) Chloroethane	2.92	64	252819	25.717 ug/L	100
9) Trichlorofluoromethane	3.25	101	193084	25.833 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	354836	27.342 ug/L	95
12) 1,1-Dichloroethene	4.03	96	328527	25.911 ug/L	89
13) Acetone	4.14	43	240833	55.431 ug/L	98
14) Carbon disulfide	4.37	76	1005949	25.866 ug/L	99
15) Methyl Acetate	4.67	43	207070	23.383 ug/L	97
16) Methylene chloride	4.91	84	388911	21.413 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	409912	23.884 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	329181	25.388 ug/L	98
19) 1,1-Dichloroethane	6.21	63	644301	26.186 ug/L	98
21) 2-Butanone	7.18	43	295664	49.717 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	364651	25.766 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	165518	24.436	ug/L	96
25) Chloroform	7.68	83	647263	25.772	ug/L	100
27) 1,2-Dichloroethane	8.40	62	426720	25.292	ug/L	100
30) Cyclohexane	7.96	56	582150	27.653	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	485038	25.646	ug/L	99
32) Carbon tetrachloride	8.07	117	469464	25.756	ug/L	99
34) Benzene	8.32	78	1444143	26.313	ug/L	100
35) Trichloroethene	9.09	95	350917	25.419	ug/L	99
36) Methylcyclohexane	9.34	83	644617	26.600	ug/L	98
40) 1,2-Dichloropropane	9.37	63	373009	25.661	ug/L	100
41) Bromodichloromethane	9.65	83	424955	24.338	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	495255	24.907	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	533276	48.929	ug/L	98
44) Toluene	10.39	91	1482053	26.834	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	454088	25.405	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	279343	24.720	ug/L	98
47) Tetrachloroethene	10.87	164	277603	25.415	ug/L	98
49) 2-Hexanone	10.98	43	427008	52.135	ug/L	99
50) Dibromochloromethane	11.13	129	308211	24.587	ug/L	99
51) 1,2-Dibromoethane	11.24	107	262883	24.269	ug/L	98
52) Chlorobenzene	11.66	112	939804	25.161	ug/L	99
53) Ethylbenzene	11.74	91	1664958	26.827	ug/L	99
54) m,p-Xylene	11.85	106	627356	27.093	ug/L	98
55) o-xylene	12.17	106	589551	26.871	ug/L	99
56) Styrene	12.19	104	1065813	27.878	ug/L	100
57) Isopropylbenzene	12.47	105	1637663	27.575	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	404248	24.647	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	301414	24.606	ug/L	99
62) Bromoform	12.35	173	193847	23.373	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	711737	25.065	ug/L	100
64) 1,4-Dichlorobenzene	13.59	146	763520	25.019	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	704844	24.774	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	64598	22.103	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	568923	25.274	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	459844	25.251	ug/L	99
69) Naphthalene	15.38	128	1025755	24.699	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	452081	25.491	ug/L	99

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

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