

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111918\
 Data File : VW006946.D
 Acq On : 19 Nov 2018 15:39
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02595

Quant Time: Nov 20 06:22:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 20 06:18:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	156994	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	153990	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	77342	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	32092	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.08%
7) Chloroethane-d5	2.89	69	22890	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
10) 1,1-Dichloroethene-d2	4.02	63	88202	23.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.76%
20) 2-Butanone-d5	7.09	46	37860	49.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.58%
24) Chloroform-d	7.65	84	80117	23.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	8.31	65	52146	26.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.32%
29) Benzene-d6	8.28	84	179534	22.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.20%
33) 1,2-Dichloropropane-d6	9.27	67	54181	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.96%
37) Toluene-d8	10.33	98	187478	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.96%
38) trans-1,3-Dichloropropene-	10.58	79	23938	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.48%
39) 2-Hexanone-d5	10.93	63	30467	49.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	53721	25.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	70283	24.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	55315	25.264 ug/L	98
3) Chloromethane	2.21	50	42822	25.057 ug/L	93
5) Vinyl chloride	2.36	62	42704	24.566 ug/L	99
6) Bromomethane	2.78	94	21765	27.849 ug/L	100
8) Chloroethane	2.92	64	22022	23.508 ug/L	96
9) Trichlorofluoromethane	3.26	101	82294	26.635 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	53199	25.741 ug/L	97
12) 1,1-Dichloroethene	4.04	96	45262	25.236 ug/L #	83
13) Acetone	4.14	43	25704	51.942 ug/L	98
14) Carbon disulfide	4.39	76	153494	23.773 ug/L	99
15) Methyl Acetate	4.68	43	30594	25.389 ug/L	100
16) Methylene chloride	4.92	84	59221	21.572 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	131838	27.299 ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	50609	24.716 ug/L	97
19) 1,1-Dichloroethane	6.22	63	85018	25.435 ug/L	100
21) 2-Butanone	7.18	43	42761	50.082 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	54395	26.016 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	23173	27.191	ug/L	98
25) Chloroform	7.68	83	97685	25.276	ug/L	100
27) 1,2-Dichloroethane	8.40	62	65151	28.667	ug/L	97
30) Cyclohexane	7.96	56	92377	22.626	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	85098	24.833	ug/L	99
32) Carbon tetrachloride	8.07	117	73808	24.505	ug/L	99
34) Benzene	8.32	78	206112	23.934	ug/L	100
35) Trichloroethene	9.09	95	57470	24.501	ug/L	100
36) Methylcyclohexane	9.34	83	102721	22.783	ug/L	98
40) 1,2-Dichloropropane	9.37	63	51685	24.361	ug/L	99
41) Bromodichloromethane	9.65	83	67685	26.004	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	80557	25.148	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	87494	52.628	ug/L	99
44) Toluene	10.39	91	244216	24.767	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	67095	24.785	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	42081	25.905	ug/L	98
47) Tetrachloroethene	10.86	164	45999	25.647	ug/L	93
49) 2-Hexanone	10.97	43	69108	56.145	ug/L	98
50) Dibromochloromethane	11.13	129	48010	27.389	ug/L	98
51) 1,2-Dibromoethane	11.24	107	40221	26.034	ug/L	99
52) Chlorobenzene	11.66	112	159931	25.787	ug/L	100
53) Ethylbenzene	11.73	91	287963	24.538	ug/L	97
54) m,p-Xylene	11.84	106	113106	25.200	ug/L	99
55) o-xylene	12.17	106	105384	25.633	ug/L	99
56) Styrene	12.18	104	178919	26.253	ug/L	97
57) Isopropylbenzene	12.47	105	288236	25.043	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	55600	26.979	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	44075	27.461	ug/L	99
62) Bromoform	12.35	173	27300	28.128	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	129652	25.859	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	129279	25.831	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	120107	26.635	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	10306	24.654	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	88467	25.965	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	73510	26.475	ug/L	99
69) Naphthalene	15.38	128	174175	26.168	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	66908	27.105	ug/L	99

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

