

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
 Data File : VW005823.D
 Acq On : 03 Oct 2018 19:22
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02590

Quant Time: Oct 04 05:18:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 04 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	265369	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	258810	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	135792	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	59322	17.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.16%
7) Chloroethane-d5	2.89	69	51906	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
10) 1,1-Dichloroethene-d2	4.02	63	148504	20.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.44%
20) 2-Butanone-d5	7.08	46	52615	48.45	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.90%
24) Chloroform-d	7.65	84	154721	22.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	8.31	65	94479	22.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.52%
29) Benzene-d6	8.28	84	283394	22.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.48%
33) 1,2-Dichloropropane-d6	9.28	67	85877	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.76%
37) Toluene-d8	10.33	98	268505	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.92%
38) trans-1,3-Dichloropropene-	10.58	79	40780	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.88%
39) 2-Hexanone-d5	10.93	63	42747	49.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.60%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	85836	23.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	109408	22.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.08%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	72987	23.456	ug/L 96
3) Chloromethane	2.21	50	57852	19.958	ug/L 99
5) Vinyl chloride	2.37	62	93772	22.436	ug/L 97
6) Bromomethane	2.78	94	55948	22.249	ug/L 96
8) Chloroethane	2.93	64	53063	22.834	ug/L 96
9) Trichlorofluoromethane	3.26	101	66134	20.709	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	88844	24.627	ug/L 98
12) 1,1-Dichloroethene	4.04	96	82522	23.950	ug/L 95
13) Acetone	4.12	43	46518	41.131	ug/L 69
14) Carbon disulfide	4.37	76	230841	21.368	ug/L 100
15) Methyl Acetate	4.67	43	47900	23.865	ug/L 99
16) Methylene chloride	4.91	84	95381	21.799	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	128250	23.394	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	84074	23.726	ug/L 98
19) 1,1-Dichloroethane	6.21	63	159402	24.310	ug/L 95
21) 2-Butanone	7.18	43	60421	44.610	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	91671	23.799	ug/L 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	44068	24.651	ug/L	99
25) Chloroform	7.68	83	177544	25.307	ug/L	100
27) 1,2-Dichloroethane	8.40	62	130471	25.259	ug/L	100
30) Cyclohexane	7.96	56	134978	23.011	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	154543	24.384	ug/L	99
32) Carbon tetrachloride	8.07	117	151664	24.573	ug/L	99
34) Benzene	8.32	78	354321	24.229	ug/L	100
35) Trichloroethene	9.09	95	96902	24.769	ug/L	98
36) Methylcyclohexane	9.34	83	163007	23.961	ug/L	99
40) 1,2-Dichloropropane	9.37	63	91386	25.643	ug/L	99
41) Bromodichloromethane	9.65	83	125090	24.965	ug/L	96
42) cis-1,3-Dichloropropene	10.08	75	142609	24.231	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	141458	48.639	ug/L	100
44) Toluene	10.39	91	401990	24.599	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	133405	24.343	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	73362	24.669	ug/L	97
47) Tetrachloroethene	10.87	164	82610	23.968	ug/L	98
49) 2-Hexanone	10.97	43	101371	49.656	ug/L	99
50) Dibromochloromethane	11.13	129	93713	25.127	ug/L	96
51) 1,2-Dibromoethane	11.24	107	70749	24.608	ug/L	91
52) Chlorobenzene	11.66	112	263853	24.543	ug/L	99
53) Ethylbenzene	11.74	91	464703	24.835	ug/L	100
54) m,p-Xylene	11.84	106	176455	25.032	ug/L	97
55) o-xylene	12.17	106	166432	25.049	ug/L	99
56) Styrene	12.19	104	300329	25.757	ug/L	98
57) Isopropylbenzene	12.47	105	478451	25.211	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	96925	25.549	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	77988	25.325	ug/L	98
62) Bromoform	12.35	173	62599	25.924	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	213495	24.752	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	218474	24.254	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	210200	25.327	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	19758	25.037	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	173994	24.578	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	145667	25.049	ug/L	99
69) Naphthalene	15.38	128	295268	25.340	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	138122	25.343	ug/L	99

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

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