

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111518\
 Data File : VW006909.D
 Acq On : 15 Nov 2018 20:18
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02591

Quant Time: Nov 16 04:55:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 04:49:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	163064	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	156005	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	71567	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	35878	24.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.12%
7) Chloroethane-d5	2.89	69	27275	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.72%
10) 1,1-Dichloroethene-d2	4.03	63	92233	23.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.40%
20) 2-Butanone-d5	7.09	46	40705	51.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.04%
24) Chloroform-d	7.65	84	87702	24.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	8.31	65	52165	25.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.40%
29) Benzene-d6	8.28	84	184138	22.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.32%
33) 1,2-Dichloropropane-d6	9.28	67	56439	22.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.44%
37) Toluene-d8	10.33	98	191182	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.56%
38) trans-1,3-Dichloropropene-	10.58	79	25703	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.88%
39) 2-Hexanone-d5	10.93	63	33147	53.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54985	25.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	64238	23.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.00	85	55850	24.559	ug/L 99
3) Chloromethane	2.21	50	43997	24.787	ug/L 98
5) Vinyl chloride	2.36	62	45453	25.174	ug/L 99
6) Bromomethane	2.78	94	22452	27.659	ug/L 100
8) Chloroethane	2.92	64	23956	24.621	ug/L 97
9) Trichlorofluoromethane	3.27	101	81493	25.394	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	52463	24.440	ug/L 98
12) 1,1-Dichloroethene	4.04	96	45737	24.552	ug/L 95
13) Acetone	4.14	43	27948	54.375	ug/L 97
14) Carbon disulfide	4.39	76	153881	22.946	ug/L 100
15) Methyl Acetate	4.68	43	34519	27.580	ug/L 100
16) Methylene chloride	4.92	84	59523	20.875	ug/L 96
17) Methyl tert-butyl Ether	5.43	73	135773	27.067	ug/L # 89
18) trans-1,2-Dichloroethene	5.43	96	51862	24.385	ug/L 97
19) 1,1-Dichloroethane	6.23	63	87051	25.074	ug/L 99
21) 2-Butanone	7.18	43	46140	52.028	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	54803	25.235	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	23543	26.597	ug/L	96
25) Chloroform	7.68	83	98024	24.419	ug/L	100
27) 1,2-Dichloroethane	8.40	62	65027	27.548	ug/L	100
30) Cyclohexane	7.96	56	96825	23.410	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	86569	24.936	ug/L	99
32) Carbon tetrachloride	8.07	117	76792	25.167	ug/L	100
34) Benzene	8.33	78	209612	24.026	ug/L	100
35) Trichloroethene	9.10	95	57667	24.267	ug/L	99
36) Methylcyclohexane	9.34	83	107024	23.431	ug/L	99
40) 1,2-Dichloropropane	9.37	63	53708	24.987	ug/L	100
41) Bromodichloromethane	9.65	83	67906	25.752	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	82789	25.511	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	93929	55.769	ug/L	99
44) Toluene	10.39	91	247501	24.776	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	71560	26.093	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	42666	25.926	ug/L	97
47) Tetrachloroethene	10.87	164	45517	25.051	ug/L	96
49) 2-Hexanone	10.97	43	67325	53.990	ug/L	100
50) Dibromochloromethane	11.13	129	48062	27.064	ug/L	96
51) 1,2-Dibromoethane	11.24	107	41898	26.769	ug/L	97
52) Chlorobenzene	11.66	112	158441	25.217	ug/L	99
53) Ethylbenzene	11.74	91	287338	24.168	ug/L	97
54) m,p-Xylene	11.84	106	109794	24.146	ug/L	96
55) o-xylene	12.17	106	102436	24.594	ug/L	100
56) Styrene	12.18	104	174048	25.208	ug/L	97
57) Isopropylbenzene	12.47	105	283341	24.299	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	56235	26.935	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	44177	27.169	ug/L	97
62) Bromoform	12.35	173	26893	29.944	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	119470	25.751	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	118227	25.528	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	108338	25.964	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	10894	28.163	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	75593	23.977	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	61621	23.984	ug/L	99
69) Naphthalene	15.38	128	151948	24.671	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	54843	24.010	ug/L	100

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

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