

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111418\
 Data File : VW006890.D
 Acq On : 15 Nov 2018 02:00
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02589

Quant Time: Nov 15 03:42:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 15 03:38:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	160371	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	152292	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	70845	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	37865	26.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.36%
7) Chloroethane-d5	2.89	69	27975	27.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.16%
10) 1,1-Dichloroethene-d2	4.02	63	93861	24.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.72%
20) 2-Butanone-d5	7.09	46	42786	54.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.06%
24) Chloroform-d	7.65	84	87346	24.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	8.31	65	50698	25.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.20%
29) Benzene-d6	8.28	84	191085	24.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.00%
33) 1,2-Dichloropropane-d6	9.28	67	58860	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.60%
37) Toluene-d8	10.33	98	198837	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.56%
38) trans-1,3-Dichloropropene-	10.58	79	24902	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.16%
39) 2-Hexanone-d5	10.93	63	34287	56.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	55328	26.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	65630	24.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	51163	22.876	ug/L	99
3) Chloromethane	2.21	50	39719	22.752	ug/L	96
5) Vinyl chloride	2.35	62	39943	22.494	ug/L	98
6) Bromomethane	2.78	94	19082	23.902	ug/L	99
8) Chloroethane	2.92	64	21653	22.628	ug/L	90
9) Trichlorofluoromethane	3.26	101	71941	22.794	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	47194	22.355	ug/L	99
12) 1,1-Dichloroethene	4.04	96	41517	22.661	ug/L	95
13) Acetone	4.14	43	25562	50.568	ug/L	96
14) Carbon disulfide	4.38	76	150926	22.883	ug/L	99
15) Methyl Acetate	4.68	43	31660	25.721	ug/L	99
16) Methylene chloride	4.92	84	54611	19.474	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	119219	24.166	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	45943	21.964	ug/L	99
19) 1,1-Dichloroethane	6.23	63	78569	23.011	ug/L	100
21) 2-Butanone	7.18	43	42005	48.161	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	49053	22.967	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	21072	24.205	ug/L	96
25) Chloroform	7.68	83	84686	21.451	ug/L	99
27) 1,2-Dichloroethane	8.40	62	56367	24.280	ug/L #	95
30) Cyclohexane	7.96	56	88238	21.854	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	75113	22.163	ug/L	100
32) Carbon tetrachloride	8.07	117	66855	22.444	ug/L	99
34) Benzene	8.33	78	187317	21.994	ug/L	100
35) Trichloroethene	9.09	95	51159	22.054	ug/L	99
36) Methylcyclohexane	9.34	83	98520	22.095	ug/L	99
40) 1,2-Dichloropropane	9.37	63	47376	22.579	ug/L	100
41) Bromodichloromethane	9.65	83	58683	22.797	ug/L	90
42) cis-1,3-Dichloropropene	10.07	75	72644	22.931	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	82980	50.470	ug/L	99
44) Toluene	10.39	91	221632	22.727	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	61983	23.152	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	37161	23.132	ug/L	98
47) Tetrachloroethene	10.87	164	40758	22.978	ug/L	92
49) 2-Hexanone	10.97	43	62648	51.465	ug/L	100
50) Dibromochloromethane	11.13	129	41848	24.139	ug/L	94
51) 1,2-Dibromoethane	11.24	107	37140	24.308	ug/L	96
52) Chlorobenzene	11.66	112	140501	22.907	ug/L	99
53) Ethylbenzene	11.74	91	259238	22.336	ug/L	97
54) m,p-Xylene	11.84	106	99290	22.368	ug/L	98
55) o-xylene	12.17	106	92611	22.777	ug/L	99
56) Styrene	12.18	104	154815	22.969	ug/L	97
57) Isopropylbenzene	12.47	105	255658	22.460	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	50419	24.738	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	40229	25.345	ug/L	99
62) Bromoform	12.35	173	22848	25.699	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	106459	23.180	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	104724	22.843	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	97360	23.571	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	10640	27.787	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.63	180	70690	22.650	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	57131	22.463	ug/L	98
69) Naphthalene	15.38	128	151522	24.853	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	52716	23.314	ug/L	99

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

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