

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082818\
 Data File : VW004995.D
 Acq On : 28 Aug 2018 19:24
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02586

Quant Time: Aug 29 05:16:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 29 04:23:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	639710	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	663456	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	357066	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	243866	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.68%
7) Chloroethane-d5	2.89	69	197918	22.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.32%
10) 1,1-Dichloroethene-d2	4.03	63	346175	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.68%
20) 2-Butanone-d5	7.09	46	128954	52.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.80%
24) Chloroform-d	7.65	84	358549	25.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	8.31	65	208343	27.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.00%
29) Benzene-d6	8.28	84	900939	26.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.60%
33) 1,2-Dichloropropane-d6	9.28	67	267945	26.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.88%
37) Toluene-d8	10.33	98	933437	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.28%
38) trans-1,3-Dichloropropene-	10.58	79	112501	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.32%
39) 2-Hexanone-d5	10.93	63	141123	56.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	278197	27.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	380619	26.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	254884	21.18	ug/L	100
3) Chloromethane	2.22	50	278051	20.39	ug/L	99
5) Vinyl chloride	2.36	62	284363	20.59	ug/L	100
6) Bromomethane	2.78	94	165413	22.86	ug/L	98
8) Chloroethane	2.92	64	161700	20.95	ug/L	97
9) Trichlorofluoromethane	3.26	101	315444	22.57	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	197428	23.61	ug/L	98
12) 1,1-Dichloroethene	4.04	96	170502	22.89	ug/L	97
13) Acetone	4.15	43	81170	42.58	ug/L	98
14) Carbon disulfide	4.39	76	653037	21.16	ug/L	99
15) Methyl Acetate	4.68	43	94627	21.96	ug/L	97
16) Methylene chloride	4.92	84	265684	21.42	ug/L	94
17) Methyl tert-butyl Ether	5.44	73	395099	24.56	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	177865	22.93	ug/L	98
19) 1,1-Dichloroethane	6.23	63	327879	23.16	ug/L	96
21) 2-Butanone	7.18	43	126899	43.24	ug/L	99
22) cis-1,2-Dichloroethene	7.18	96	195569	23.37	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	106027	23.99	ug/L	97
25) Chloroform	7.68	83	351776	24.79	ug/L	99
27) 1,2-Dichloroethane	8.41	62	215947	23.22	ug/L	100
30) Cyclohexane	7.96	56	319398	22.62	ug/L	96
31) 1,1,1-Trichloroethane	7.88	97	304593	23.84	ug/L	99
32) Carbon tetrachloride	8.07	117	273819	23.96	ug/L	99
34) Benzene	8.33	78	885829	23.42	ug/L	100
35) Trichloroethene	9.10	95	213450	22.69	ug/L	99
36) Methylcyclohexane	9.34	83	372966	21.44	ug/L	99
40) 1,2-Dichloropropane	9.37	63	218078	23.44	ug/L	98
41) Bromodichloromethane	9.65	83	249264	24.31	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	304522	23.57	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	302852	44.09	ug/L	99
44) Toluene	10.39	91	1042083	22.94	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	270284	23.07	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	171612	23.63	ug/L	99
47) Tetrachloroethene	10.87	164	208713	22.66	ug/L	98
49) 2-Hexanone	10.98	43	241076	45.41	ug/L	96
50) Dibromochloromethane	11.13	129	192955	23.93	ug/L	98
51) 1,2-Dibromoethane	11.24	107	158780	22.27	ug/L	99
52) Chlorobenzene	11.66	112	687230	22.77	ug/L	99
53) Ethylbenzene	11.74	91	1163237	22.76	ug/L	99
54) m,p-Xylene	11.85	106	463807	23.39	ug/L	95
55) o-xylene	12.17	106	434314	23.44	ug/L	97
56) Styrene	12.19	104	768664	24.14	ug/L	99
57) Isopropylbenzene	12.47	105	1146697	23.17	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	238018	22.99	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	177272	22.22	ug/L	98
62) Bromoform	12.35	173	127518	22.52	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	548181	22.28	ug/L	96
64) 1,4-Dichlorobenzene	13.59	146	581036	22.56	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	542702	23.02	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	39907	19.96	ug/L	95
67) 1,3,5-Trichlorobenzene	14.64	180	434717	22.08	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	355530	22.37	ug/L	100
69) Naphthalene	15.38	128	720797	22.31	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	350190	23.39	ug/L	98

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

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