

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007408.D
 Acq On : 11 Dec 2018 21:02
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02585

Quant Time: Dec 12 03:58:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 12 02:46:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	133607	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	123479	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	61372	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23361	26.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.36%
7) Chloroethane-d5	2.89	69	18675	25.34	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.36%
10) 1,1-Dichloroethene-d2	4.01	63	80760	26.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.64%
20) 2-Butanone-d5	7.07	46	22754	41.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.96%
24) Chloroform-d	7.65	84	88334	28.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.12%
26) 1,2-Dichloroethane-d4	8.31	65	49918	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.32%
29) Benzene-d6	8.27	84	167691	25.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.00%
33) 1,2-Dichloropropane-d6	9.27	67	48196	25.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.72%
37) Toluene-d8	10.32	98	164379	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.56%
38) trans-1,3-Dichloropropene-	10.58	79	24328	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.48%
39) 2-Hexanone-d5	10.93	63	18762	40.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	41911	24.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	60523	28.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	40470	27.736	ug/L 94
3) Chloromethane	2.22	50	25619	21.933	ug/L 96
5) Vinyl chloride	2.37	62	31287	28.391	ug/L 98
6) Bromomethane	2.78	94	20349	26.697	ug/L 97
8) Chloroethane	2.93	64	16962	25.570	ug/L 98
9) Trichlorofluoromethane	3.26	101	27555	21.783	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	46068	27.319	ug/L 95
12) 1,1-Dichloroethene	4.03	96	42619	27.162	ug/L 92
13) Acetone	4.12	43	20752	32.534	ug/L 99
14) Carbon disulfide	4.37	76	123230	26.898	ug/L 99
15) Methyl Acetate	4.67	43	19161	20.033	ug/L # 89
16) Methylene chloride	4.91	84	46485	21.533	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	66301	25.986	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	46123	27.400	ug/L 99
19) 1,1-Dichloroethane	6.21	63	78704	27.429	ug/L 99
21) 2-Butanone	7.17	43	27148	39.598	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	51215	27.648	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	23137	27.399	ug/L	95
25) Chloroform	7.67	83	89207	28.733	ug/L	100
27) 1,2-Dichloroethane	8.40	62	60956	27.466	ug/L	100
30) Cyclohexane	7.95	56	69499	23.461	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	77527	26.676	ug/L	99
32) Carbon tetrachloride	8.07	117	73612	26.211	ug/L	98
34) Benzene	8.32	78	181895	25.700	ug/L	100
35) Trichloroethene	9.09	95	51228	25.241	ug/L	98
36) Methylcyclohexane	9.34	83	84246	24.046	ug/L	99
40) 1,2-Dichloropropane	9.37	63	45153	26.081	ug/L	98
41) Bromodichloromethane	9.65	83	66417	26.717	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	75082	25.823	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	56872	41.502	ug/L	99
44) Toluene	10.39	91	204142	26.760	ug/L	95
45) trans-1,3-Dichloropropene	10.60	75	67146	26.297	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	34850	24.446	ug/L	96
47) Tetrachloroethene	10.87	164	40749	26.580	ug/L	95
49) 2-Hexanone	10.97	43	40503	42.054	ug/L	96
50) Dibromochloromethane	11.13	129	47662	27.215	ug/L	97
51) 1,2-Dibromoethane	11.24	107	36914	25.783	ug/L	97
52) Chlorobenzene	11.66	112	136621	27.594	ug/L	96
53) Ethylbenzene	11.73	91	236994	27.628	ug/L	94
54) m,p-Xylene	11.84	106	91120	27.963	ug/L	90
55) o-xylene	12.17	106	86756	28.172	ug/L	98
56) Styrene	12.18	104	151286	28.660	ug/L	97
57) Isopropylbenzene	12.47	105	238941	27.801	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	43418	24.568	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	33313	23.814	ug/L	98
62) Bromoform	12.35	173	27230	25.908	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	108721	27.575	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	109455	27.847	ug/L	91
65) 1,2-Dichlorobenzene	13.88	146	101505	28.767	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	8292	22.187	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	80573	28.211	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	68727	27.911	ug/L	98
69) Naphthalene	15.37	128	148704	24.432	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	61251	27.361	ug/L	98

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

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