

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007312.D
 Acq On : 07 Dec 2018 17:10
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02598

Quant Time: Dec 08 01:54:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 16:03:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	157502	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	134865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	67688	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	27865	27.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.64%
7) Chloroethane-d5	2.89	69	20975	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.56%
10) 1,1-Dichloroethene-d2	4.01	63	86876	24.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.20%
20) 2-Butanone-d5	7.07	46	21259	32.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.76%
24) Chloroform-d	7.65	84	85655	23.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	8.31	65	45466	21.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.00%
29) Benzene-d6	8.27	84	168280	22.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.88%
33) 1,2-Dichloropropane-d6	9.27	67	45800	21.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.64%
37) Toluene-d8	10.32	98	161896	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.28%
38) trans-1,3-Dichloropropene-	10.58	79	23531	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.08%
39) 2-Hexanone-d5	10.93	63	16751	33.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	36743	19.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	54471	22.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	44823	26.059	ug/L	85
3) Chloromethane	2.21	50	33210	24.118	ug/L	98
5) Vinyl chloride	2.37	62	36045	27.747	ug/L	99
6) Bromomethane	2.78	94	22260	24.774	ug/L	97
8) Chloroethane	2.93	64	19509	24.948	ug/L	98
9) Trichlorofluoromethane	3.26	101	35961	24.115	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	48133	24.213	ug/L	96
12) 1,1-Dichloroethene	4.03	96	45116	24.391	ug/L	90
13) Acetone	4.12	43	23475	31.219	ug/L	99
14) Carbon disulfide	4.37	76	137717	25.500	ug/L	98
15) Methyl Acetate	4.66	43	19942	17.686	ug/L #	90
16) Methylene chloride	4.90	84	47684	18.737	ug/L	93
17) Methyl tert-butyl Ether	5.42	73	66675	22.168	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	48185	24.282	ug/L	99
19) 1,1-Dichloroethane	6.21	63	81829	24.192	ug/L	97
21) 2-Butanone	7.17	43	28392	35.130	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	52445	24.017	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	23284	23.390	ug/L	97
25) Chloroform	7.67	83	89069	24.336	ug/L	99
27) 1,2-Dichloroethane	8.40	62	59466	22.730	ug/L	99
30) Cyclohexane	7.95	56	79522	24.579	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	77809	24.513	ug/L	99
32) Carbon tetrachloride	8.06	117	74924	24.426	ug/L	99
34) Benzene	8.32	78	189314	24.490	ug/L	100
35) Trichloroethene	9.09	95	53114	23.961	ug/L	99
36) Methylcyclohexane	9.34	83	92529	24.180	ug/L	99
40) 1,2-Dichloropropane	9.37	63	45598	24.114	ug/L	100
41) Bromodichloromethane	9.65	83	62355	22.966	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	76516	24.095	ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	54219	36.226	ug/L	99
44) Toluene	10.38	91	201472	24.180	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	63918	22.920	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	33371	21.433	ug/L	92
47) Tetrachloroethene	10.87	164	39210	23.417	ug/L	91
49) 2-Hexanone	10.97	43	39797	37.833	ug/L	94
50) Dibromochloromethane	11.13	129	42554	22.247	ug/L	91
51) 1,2-Dibromoethane	11.23	107	33374	21.342	ug/L	90
52) Chlorobenzene	11.66	112	127091	23.502	ug/L	98
53) Ethylbenzene	11.73	91	236925	25.288	ug/L	97
54) m,p-Xylene	11.84	106	86418	24.281	ug/L	70
55) o-xylene	12.16	106	81673	24.283	ug/L	97
56) Styrene	12.18	104	139141	24.134	ug/L	94
57) Isopropylbenzene	12.47	105	226384	24.116	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.72	83	38088	19.733	ug/L #	96
59) 1,2,3-Trichloropropane	12.77	75	29608	19.378	ug/L	100
62) Bromoform	12.35	173	24001	20.705	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	105729	24.314	ug/L	88
64) 1,4-Dichlorobenzene	13.58	146	99263	22.898	ug/L	83
65) 1,2-Dichlorobenzene	13.88	146	92473	23.761	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	7839	19.018	ug/L	81
67) 1,3,5-Trichlorobenzene	14.63	180	76686	24.345	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	64381	23.707	ug/L	99
69) Naphthalene	15.38	128	135071	20.121	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	55991	22.678	ug/L	99

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

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