

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062519\
 Data File : VW010992.D
 Acq On : 26 Jun 2019 03:33
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Jun 26 04:42:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 26 04:33:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	300911	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	285678	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140340	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88481	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.72%
7) Chloroethane-d5	2.88	69	72032	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.84%
10) 1,1-Dichloroethene-d2	4.02	63	218637	23.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.88%
20) 2-Butanone-d5	7.07	46	102686	56.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.12%
24) Chloroform-d	7.65	84	209002	25.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.04%
26) 1,2-Dichloroethane-d4	8.31	65	135086	26.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.40%
29) Benzene-d6	8.27	84	414356	24.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.64%
33) 1,2-Dichloropropane-d6	9.27	67	140841	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.40%
37) Toluene-d8	10.32	98	369836	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.60%
38) trans-1,3-Dichloropropene-	10.57	79	56882	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.72%
39) 2-Hexanone-d5	10.92	63	64741	50.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124499	26.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	133547	25.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	99279	23.471	ug/L	98
3) Chloromethane	2.21	50	112593	25.037	ug/L	100
5) Vinyl chloride	2.36	62	137224	25.521	ug/L	100
6) Bromomethane	2.77	94	70772	26.666	ug/L	100
8) Chloroethane	2.92	64	75320	26.450	ug/L	99
9) Trichlorofluoromethane	3.25	101	32991	18.168	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	103989	24.642	ug/L	99
12) 1,1-Dichloroethene	4.04	96	106800	25.356	ug/L	93
13) Acetone	4.12	43	76100	43.385	ug/L	99
14) Carbon disulfide	4.39	76	300980	24.135	ug/L	98
15) Methyl Acetate	4.67	43	91463	30.123	ug/L	99
16) Methylene chloride	4.92	84	126406	28.364	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	190872	28.943	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	110712	26.139	ug/L	96
19) 1,1-Dichloroethane	6.21	63	231707	26.785	ug/L	99
21) 2-Butanone	7.17	43	125920	54.587	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	125065	27.443	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	54124	27.925	ug/L	95
25) Chloroform	7.67	83	220427	27.772	ug/L	100
27) 1,2-Dichloroethane	8.40	62	175469	28.213	ug/L	100
30) Cyclohexane	7.95	56	214740	22.732	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	149813	24.112	ug/L	99
32) Carbon tetrachloride	8.07	117	139654	23.797	ug/L	99
34) Benzene	8.32	78	484965	25.833	ug/L	100
35) Trichloroethene	9.09	95	119737	25.151	ug/L	100
36) Methylcyclohexane	9.34	83	202604	23.186	ug/L	99
40) 1,2-Dichloropropane	9.37	63	135190	26.164	ug/L	100
41) Bromodichloromethane	9.64	83	160583	26.483	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	200098	25.174	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	259239	54.065	ug/L	100
44) Toluene	10.38	91	503012	25.625	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	165202	25.143	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	95973	27.102	ug/L	99
47) Tetrachloroethene	10.86	164	86040	23.831	ug/L	92
49) 2-Hexanone	10.97	43	185661	54.425	ug/L	100
50) Dibromochloromethane	11.13	129	103613	26.573	ug/L	98
51) 1,2-Dibromoethane	11.23	107	94369	27.557	ug/L	100
52) Chlorobenzene	11.66	112	312637	26.467	ug/L	100
53) Ethylbenzene	11.73	91	567331	25.653	ug/L	99
54) m,p-Xylene	11.84	106	205509	25.608	ug/L	99
55) o-xylene	12.16	106	202067	26.240	ug/L	98
56) Styrene	12.18	104	355187	26.747	ug/L	98
57) Isopropylbenzene	12.46	105	530515	25.393	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	128533	27.760	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	101459	28.222	ug/L	100
62) Bromoform	12.35	173	59788	26.616	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	240501	26.322	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	239662	26.113	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	228290	27.015	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	22865	26.443	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	177501	25.524	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	157793	26.772	ug/L	99
69) Naphthalene	15.37	128	365045	29.024	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	149621	27.947	ug/L	100

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

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