

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080219\
 Data File : VW011632.D
 Acq On : 02 Aug 2019 19:12
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Quant Time: Aug 03 02:27:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 02:22:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	365470	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328325	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162026	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104124	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.92%
7) Chloroethane-d5	2.89	69	80973	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
10) 1,1-Dichloroethene-d2	4.03	63	267091	22.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.56%
20) 2-Butanone-d5	7.07	46	97592	42.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.22%
24) Chloroform-d	7.65	84	234910	23.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	8.31	65	137106	23.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.32%
29) Benzene-d6	8.27	84	462374	22.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.56%
33) 1,2-Dichloropropane-d6	9.27	67	152881	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.76%
37) Toluene-d8	10.32	98	414990	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.60%
38) trans-1,3-Dichloropropene-	10.58	79	62682	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.84%
39) 2-Hexanone-d5	10.92	63	66663	42.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122807	22.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	139532	22.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	108790	26.561	ug/L 98
3) Chloromethane	2.21	50	127770	23.982	ug/L 100
5) Vinyl chloride	2.36	62	169011	24.864	ug/L 98
6) Bromomethane	2.78	94	82250	25.666	ug/L 99
8) Chloroethane	2.92	64	92905	26.133	ug/L 100
9) Trichlorofluoromethane	3.25	101	82427	23.804	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	136979	26.093	ug/L 99
12) 1,1-Dichloroethene	4.04	96	135221	25.761	ug/L 96
13) Acetone	4.12	43	102225	41.191	ug/L 99
14) Carbon disulfide	4.39	76	431933	25.265	ug/L 100
15) Methyl Acetate	4.66	43	95688	23.582	ug/L 100
16) Methylene chloride	4.92	84	150990	26.474	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	216317	24.747	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	143403	26.443	ug/L 99
19) 1,1-Dichloroethane	6.21	63	294236	27.159	ug/L 98
21) 2-Butanone	7.17	43	141449	45.459	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	153374	27.032	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	63994	26.509	ug/L	98
25) Chloroform	7.67	83	271755	27.215	ug/L	100
27) 1,2-Dichloroethane	8.40	62	200004	27.056	ug/L	99
30) Cyclohexane	7.95	56	295145	25.861	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	212705	26.588	ug/L	99
32) Carbon tetrachloride	8.07	117	198157	26.329	ug/L	99
34) Benzene	8.32	78	611647	26.584	ug/L	100
35) Trichloroethene	9.09	95	152784	26.157	ug/L	100
36) Methylcyclohexane	9.34	83	277657	26.203	ug/L	99
40) 1,2-Dichloropropane	9.37	63	165924	27.017	ug/L	100
41) Bromodichloromethane	9.64	83	197695	27.279	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	249525	27.163	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	272572	48.984	ug/L	100
44) Toluene	10.38	91	637719	27.282	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	203070	26.569	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	109655	26.188	ug/L	98
47) Tetrachloroethene	10.86	164	116589	26.132	ug/L	95
49) 2-Hexanone	10.97	43	195459	45.592	ug/L	99
50) Dibromochloromethane	11.13	129	126054	27.312	ug/L	99
51) 1,2-Dibromoethane	11.24	107	105546	25.904	ug/L	98
52) Chlorobenzene	11.66	112	380221	26.960	ug/L	100
53) Ethylbenzene	11.73	91	717141	27.510	ug/L	100
54) m,p-Xylene	11.84	106	258228	27.242	ug/L	100
55) o-xylene	12.16	106	244264	27.381	ug/L	98
56) Styrene	12.18	104	424981	28.021	ug/L	99
57) Isopropylbenzene	12.46	105	675370	27.519	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	139704	25.107	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	106547	24.826	ug/L	99
62) Bromoform	12.35	173	72295	24.940	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	292686	26.615	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	292889	26.522	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	259350	26.045	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	24280	23.558	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	216975	26.807	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	181804	27.890	ug/L	97
69) Naphthalene	15.37	128	344449	26.239	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	162422	26.903	ug/L	99

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

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