

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072919\
 Data File : VW011564.D
 Acq On : 29 Jul 2019 17:06
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Jul 30 06:00:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 05:56:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	388279	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347144	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169042	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107397	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.88%
7) Chloroethane-d5	2.89	69	84484	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
10) 1,1-Dichloroethene-d2	4.03	63	264041	22.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.92%
20) 2-Butanone-d5	7.07	46	111420	50.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.96%
24) Chloroform-d	7.65	84	240478	24.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	8.31	65	145882	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
29) Benzene-d6	8.27	84	472298	22.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.00%
33) 1,2-Dichloropropane-d6	9.27	67	160400	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.36%
37) Toluene-d8	10.32	98	416714	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.60%
38) trans-1,3-Dichloropropene-	10.58	79	67609	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.08%
39) 2-Hexanone-d5	10.92	63	76755	52.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135998	25.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	146026	23.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	126653	26.740	ug/L 97
3) Chloromethane	2.21	50	127029	22.104	ug/L 98
5) Vinyl chloride	2.36	62	171723	25.372	ug/L 98
6) Bromomethane	2.78	94	79766	24.412	ug/L 100
8) Chloroethane	2.92	64	88852	24.653	ug/L 100
9) Trichlorofluoromethane	3.26	101	80289	24.942	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	133757	25.891	ug/L 100
12) 1,1-Dichloroethene	4.04	96	128281	24.874	ug/L 90
13) Acetone	4.12	43	105517	45.185	ug/L 99
14) Carbon disulfide	4.38	76	411324	24.599	ug/L 99
15) Methyl Acetate	4.67	43	92971	25.928	ug/L 98
16) Methylene chloride	4.92	84	140240	24.812	ug/L 96
17) Methyl tert-butyl Ether	5.42	73	218328	26.777	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	132467	24.907	ug/L 98
19) 1,1-Dichloroethane	6.21	63	272474	25.793	ug/L 99
21) 2-Butanone	7.17	43	140168	46.706	ug/L 98
22) cis-1,2-Dichloroethene	7.16	96	142011	25.207	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	60078	25.515	ug/L	97
25) Chloroform	7.67	83	250343	25.726	ug/L	99
27) 1,2-Dichloroethane	8.40	62	186094	26.238	ug/L	98
30) Cyclohexane	7.95	56	281633	24.907	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	194384	25.155	ug/L	99
32) Carbon tetrachloride	8.07	117	182447	25.406	ug/L	100
34) Benzene	8.32	78	565166	25.080	ug/L	100
35) Trichloroethene	9.09	95	142583	24.895	ug/L	98
36) Methylcyclohexane	9.34	83	259432	24.910	ug/L	99
40) 1,2-Dichloropropane	9.37	63	153175	25.301	ug/L	100
41) Bromodichloromethane	9.65	83	180193	25.456	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	231599	25.463	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	262983	50.740	ug/L	99
44) Toluene	10.38	91	585256	25.321	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	190083	25.429	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	102575	25.311	ug/L	98
47) Tetrachloroethene	10.86	164	108440	24.679	ug/L	97
49) 2-Hexanone	10.97	43	197475	50.476	ug/L	100
50) Dibromochloromethane	11.13	129	115060	25.649	ug/L	98
51) 1,2-Dibromoethane	11.23	107	100556	25.657	ug/L	99
52) Chlorobenzene	11.66	112	351007	25.182	ug/L	98
53) Ethylbenzene	11.73	91	654017	25.141	ug/L	100
54) m,p-Xylene	11.84	106	237012	24.878	ug/L	99
55) o-xylene	12.16	106	227865	25.377	ug/L	95
56) Styrene	12.18	104	390765	25.869	ug/L	100
57) Isopropylbenzene	12.46	105	625519	25.575	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	135359	25.713	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	103771	25.800	ug/L	100
62) Bromoform	12.35	173	68124	25.462	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	263532	24.619	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	268692	24.713	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	245354	24.910	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23476	25.006	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	202454	24.793	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	167494	24.750	ug/L	99
69) Naphthalene	15.36	128	351266	25.498	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	152938	24.945	ug/L	100

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

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