

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111119\
 Data File : VW013971.D
 Acq On : 11 Nov 2019 20:37
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Nov 12 06:14:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 12 06:10:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	305145	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	302397	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	182315	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104649	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.00%
7) Chloroethane-d5	2.89	69	86420	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.60%
10) 1,1-Dichloroethene-d2	4.03	63	215254	21.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.16%
20) 2-Butanone-d5	7.07	46	75179	53.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.30%
24) Chloroform-d	7.65	84	212804	22.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	8.30	65	112345	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.28%
29) Benzene-d6	8.27	84	443613	20.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.72%
33) 1,2-Dichloropropane-d6	9.27	67	133961	21.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.24%
37) Toluene-d8	10.32	98	424086	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.36%
38) trans-1,3-Dichloropropene-	10.57	79	60587	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.04%
39) 2-Hexanone-d5	10.92	63	64426	54.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118677	25.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	157967	21.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	74035	20.401	ug/L 99
3) Chloromethane	2.21	50	67405	20.911	ug/L 95
5) Vinyl chloride	2.37	62	117514	23.349	ug/L 98
6) Bromomethane	2.78	94	73006	23.429	ug/L 99
8) Chloroethane	2.92	64	70235	23.460	ug/L 100
9) Trichlorofluoromethane	3.25	101	56449	16.448	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	120846	23.847	ug/L 100
12) 1,1-Dichloroethene	4.04	96	123478	23.971	ug/L 95
13) Acetone	4.12	43	58213	40.447	ug/L 99
14) Carbon disulfide	4.38	76	350960	23.938	ug/L 100
15) Methyl Acetate	4.67	43	69486	29.840	ug/L 99
16) Methylene chloride	4.92	84	133787	22.774	ug/L 95
17) Methyl tert-butyl Ether	5.42	73	168142	25.301	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	129468	24.102	ug/L 99
19) 1,1-Dichloroethane	6.21	63	222180	24.555	ug/L 99
21) 2-Butanone	7.16	43	97133	52.532	ug/L 98
22) cis-1,2-Dichloroethene	7.16	96	141250	24.988	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	65820	26.526	ug/L	95
25) Chloroform	7.67	83	225023	25.325	ug/L	99
27) 1,2-Dichloroethane	8.40	62	146801	27.289	ug/L	97
30) Cyclohexane	7.96	56	215278	22.246	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	168681	22.258	ug/L	99
32) Carbon tetrachloride	8.07	117	164141	22.563	ug/L	99
34) Benzene	8.32	78	516572	23.289	ug/L	100
35) Trichloroethene	9.09	95	133280	22.526	ug/L	100
36) Methylcyclohexane	9.34	83	235809	22.228	ug/L	100
40) 1,2-Dichloropropane	9.37	63	128973	24.154	ug/L	99
41) Bromodichloromethane	9.64	83	162744	25.212	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	205792	24.423	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	197058	55.896	ug/L	100
44) Toluene	10.38	91	569952	23.568	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	170992	25.661	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	102769	26.195	ug/L	96
47) Tetrachloroethene	10.86	164	121432	23.026	ug/L	93
49) 2-Hexanone	10.96	43	136741	53.799	ug/L	97
50) Dibromochloromethane	11.13	129	122175	26.494	ug/L	99
51) 1,2-Dibromoethane	11.23	107	101454	26.653	ug/L	100
52) Chlorobenzene	11.65	112	364824	24.064	ug/L	96
53) Ethylbenzene	11.73	91	622780	23.468	ug/L	100
54) m,p-Xylene	11.83	106	246874	23.938	ug/L	100
55) o-xylene	12.16	106	234592	24.291	ug/L	95
56) Styrene	12.18	104	406828	24.937	ug/L	100
57) Isopropylbenzene	12.46	105	630154	23.732	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	129255	28.219	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	94949	27.562	ug/L	99
62) Bromoform	12.35	173	80431	26.920	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	297671	23.253	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	300310	23.744	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	280525	24.747	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.48	75	21517	27.872	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	234966	24.084	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	192621	25.110	ug/L	98
69) Naphthalene	15.36	128	379927	27.878	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	175633	25.943	ug/L	98

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

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