

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009337.D
 Acq On : 21 Mar 2019 20:18
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 6.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Mar 22 09:44:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	426677	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	406347	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	217173	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125462	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.44%
7) Chloroethane-d5	2.89	69	129961	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.12%
10) 1,1-Dichloroethene-d2	4.02	63	279682	25.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.52%
20) 2-Butanone-d5	7.07	46	86224	40.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.78%
24) Chloroform-d	7.65	84	292611	25.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.52%
26) 1,2-Dichloroethane-d4	8.31	65	169361	24.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.56%
29) Benzene-d6	8.27	84	547103	24.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.64%
33) 1,2-Dichloropropane-d6	9.27	67	166618	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.00%
37) Toluene-d8	10.32	98	508713	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.20%
38) trans-1,3-Dichloropropene-	10.58	79	76424	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.44%
39) 2-Hexanone-d5	10.93	63	69779	42.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	157602	23.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	194964	23.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.64%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	156875	27.910	ug/L 99
3) Chloromethane	2.22	50	148064	24.829	ug/L 97
5) Vinyl chloride	2.37	62	191108	31.135	ug/L 98
6) Bromomethane	2.78	94	132812	25.827	ug/L 99
8) Chloroethane	2.93	64	131751	25.944	ug/L 98
9) Trichlorofluoromethane	3.26	101	107812	22.236	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	143822	25.686	ug/L # 94
12) 1,1-Dichloroethene	4.04	96	151081	28.755	ug/L 78
13) Acetone	4.12	43	78026	45.122	ug/L 99
14) Carbon disulfide	4.39	76	431206	30.494	ug/L 99
15) Methyl Acetate	4.67	43	76359	22.478	ug/L 95
16) Methylene chloride	4.92	84	164133	26.379	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	176628	23.758	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	149612	27.083	ug/L 97
19) 1,1-Dichloroethane	6.21	63	279320	27.731	ug/L 98
21) 2-Butanone	7.17	43	112530	47.131	ug/L 95
22) cis-1,2-Dichloroethene	7.17	96	166572	27.835	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	77362	26.954	ug/L	97
25) Chloroform	7.67	83	302279	28.657	ug/L	98
27) 1,2-Dichloroethane	8.40	62	213523	27.150	ug/L	99
30) Cyclohexane	7.95	56	249278	27.012	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	231375	28.509	ug/L	99
32) Carbon tetrachloride	8.07	117	238492	29.126	ug/L	98
34) Benzene	8.32	78	638971	28.729	ug/L	100
35) Trichloroethene	9.09	95	163435	27.577	ug/L	99
36) Methylcyclohexane	9.34	83	282613	27.563	ug/L	100
40) 1,2-Dichloropropane	9.37	63	159712	27.984	ug/L	100
41) Bromodichloromethane	9.64	83	221029	27.951	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	248008	26.680	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	239761	46.361	ug/L	100
44) Toluene	10.39	91	693969	28.538	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	217176	26.858	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	120112	26.380	ug/L	98
47) Tetrachloroethene	10.86	164	137513	27.461	ug/L	96
49) 2-Hexanone	10.97	43	175966	48.310	ug/L	99
50) Dibromochloromethane	11.13	129	152729	27.172	ug/L	95
51) 1,2-Dibromoethane	11.23	107	120213	26.044	ug/L	96
52) Chlorobenzene	11.66	112	433226	27.777	ug/L	99
53) Ethylbenzene	11.73	91	779153	28.499	ug/L	98
54) m,p-Xylene	11.84	106	297730	28.664	ug/L	100
55) o-xylene	12.16	106	284649	28.091	ug/L	99
56) Styrene	12.18	104	496629	28.725	ug/L	96
57) Isopropylbenzene	12.46	105	779203	28.706	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	160089	26.062	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	114841	25.192	ug/L	98
62) Bromoform	12.35	173	93151	25.386	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	344605	26.624	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	361220	26.993	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	336266	27.242	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	27668	22.871	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	270965	26.840	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	221854	26.162	ug/L	99
69) Naphthalene	15.37	128	440637	25.063	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	213372	26.864	ug/L	98

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

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