

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
 Data File : VW010255.D
 Acq On : 01 May 2019 22:02
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02503

Quant Time: May 02 05:08:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 03:31:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	578899	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	632418	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	277134	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	143259	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
7) Chloroethane-d5	2.89	69	129163	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.96%
10) 1,1-Dichloroethene-d2	4.02	63	300224	20.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.24%
20) 2-Butanone-d5	7.07	46	143100	59.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.16%
24) Chloroform-d	7.65	84	350022	23.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	8.31	65	211189	24.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.00%
29) Benzene-d6	8.27	84	629930	18.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.00%
33) 1,2-Dichloropropane-d6	9.27	67	203121	19.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.36%
37) Toluene-d8	10.32	98	712357	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.00%
38) trans-1,3-Dichloropropene-	10.58	79	121948	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.52%
39) 2-Hexanone-d5	10.93	63	141488	63.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	195719	21.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	234784	22.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.02	85	184156	22.645	ug/L	98
3) Chloromethane	2.22	50	186174	27.202	ug/L	99
5) Vinyl chloride	2.37	62	225921	26.904	ug/L	99
6) Bromomethane	2.78	94	130106	27.129	ug/L	99
8) Chloroethane	2.93	64	134050	26.775	ug/L	98
9) Trichlorofluoromethane	3.26	101	120490	26.382	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	157749	22.594	ug/L	99
12) 1,1-Dichloroethene	4.04	96	165496	23.546	ug/L	93
13) Acetone	4.12	43	105326	55.023	ug/L	97
14) Carbon disulfide	4.38	76	459897	22.709	ug/L	100
15) Methyl Acetate	4.67	43	113477	27.304	ug/L	100
16) Methylene chloride	4.92	84	182265	18.921	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	266813	29.202	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	180641	24.327	ug/L	98
19) 1,1-Dichloroethane	6.21	63	345086	25.034	ug/L	98
21) 2-Butanone	7.17	43	154599	57.591	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	208827	26.006	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	99046	26.828	ug/L	93
25) Chloroform	7.67	83	370835	26.256	ug/L	99
27) 1,2-Dichloroethane	8.40	62	275331	27.544	ug/L	99
30) Cyclohexane	7.95	56	295976	20.668	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	290592	21.992	ug/L	98
32) Carbon tetrachloride	8.07	117	279597	21.319	ug/L	98
34) Benzene	8.32	78	767393	21.624	ug/L	100
35) Trichloroethene	9.09	95	205188	21.684	ug/L	99
36) Methylcyclohexane	9.33	83	331432	21.047	ug/L	99
40) 1,2-Dichloropropane	9.37	63	200442	21.766	ug/L	100
41) Bromodichloromethane	9.64	83	351543	29.035	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	401617	28.034	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	484120	74.589	ug/L	97
44) Toluene	10.39	91	1070285	28.179	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	361311	28.991	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	188258	27.351	ug/L	98
47) Tetrachloroethene	10.86	164	173290	22.069	ug/L	99
49) 2-Hexanone	10.97	43	318878	68.725	ug/L	98
50) Dibromochloromethane	11.13	129	221449	25.909	ug/L	98
51) 1,2-Dibromoethane	11.23	107	184138	27.327	ug/L	94
52) Chlorobenzene	11.66	112	649056	26.087	ug/L	98
53) Ethylbenzene	11.73	91	1187389	27.612	ug/L	99
54) m,p-Xylene	11.84	106	447054	27.623	ug/L	99
55) o-xylene	12.16	106	361074	23.602	ug/L	97
56) Styrene	12.18	104	631260	23.826	ug/L	98
57) Isopropylbenzene	12.46	105	925844	22.239	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	197303	23.017	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	151341	23.684	ug/L	97
62) Bromoform	12.35	173	121816	27.355	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	440216	26.302	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	443212	25.187	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	411240	26.086	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	39454	30.141	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	339825	26.388	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	289226	27.735	ug/L	99
69) Naphthalene	15.37	128	639721	29.957	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	268738	27.269	ug/L	99

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

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