

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
 Data File : VW009684.D
 Acq On : 04 Apr 2019 04:33
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Apr 04 06:08:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 02:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	526971	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	513125	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	260644	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	139956	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.20%
7) Chloroethane-d5	2.89	69	138782	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.88%
10) 1,1-Dichloroethene-d2	4.02	63	329021	22.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.76%
20) 2-Butanone-d5	7.07	46	114521	51.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.30%
24) Chloroform-d	7.65	84	344510	23.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	8.30	65	210669	23.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.44%
29) Benzene-d6	8.27	84	631269	23.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.76%
33) 1,2-Dichloropropane-d6	9.27	67	198141	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.28%
37) Toluene-d8	10.32	98	586031	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.12%
38) trans-1,3-Dichloropropene-	10.58	79	93514	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.28%
39) 2-Hexanone-d5	10.93	63	81048	51.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	186347	24.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	221498	24.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	138543	19.958	ug/L	88
3) Chloromethane	2.22	50	144016	20.075	ug/L	98
5) Vinyl chloride	2.37	62	199884	21.722	ug/L	97
6) Bromomethane	2.78	94	141133	22.165	ug/L	99
8) Chloroethane	2.93	64	138349	22.907	ug/L	98
9) Trichlorofluoromethane	3.26	101	113024	20.023	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	160164	21.813	ug/L	95
12) 1,1-Dichloroethene	4.04	96	162495	23.216	ug/L	92
13) Acetone	4.12	43	96059	40.042	ug/L	100
14) Carbon disulfide	4.38	76	482921	22.197	ug/L	99
15) Methyl Acetate	4.67	43	104451	23.880	ug/L	99
16) Methylene chloride	4.92	84	196163	21.107	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	275178	28.540	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	173434	23.826	ug/L	97
19) 1,1-Dichloroethane	6.21	63	339404	24.297	ug/L	98
21) 2-Butanone	7.17	43	144322	47.303	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	196702	25.266	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	88983	24.913	ug/L	95
25) Chloroform	7.67	83	358757	24.518	ug/L	100
27) 1,2-Dichloroethane	8.40	62	276078	24.946	ug/L	98
30) Cyclohexane	7.95	56	290783	24.010	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	272899	23.444	ug/L	99
32) Carbon tetrachloride	8.07	117	264402	22.656	ug/L	99
34) Benzene	8.32	78	740319	23.980	ug/L	100
35) Trichloroethene	9.09	95	191426	23.693	ug/L	99
36) Methylcyclohexane	9.34	83	306684	23.088	ug/L	98
40) 1,2-Dichloropropane	9.37	63	190503	24.106	ug/L	99
41) Bromodichloromethane	9.64	83	265770	24.373	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	305319	24.938	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	317588	51.735	ug/L	99
44) Toluene	10.38	91	800523	24.478	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	261961	24.817	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	146433	24.686	ug/L	95
47) Tetrachloroethene	10.86	164	146040	22.950	ug/L	98
49) 2-Hexanone	10.97	43	228746	50.044	ug/L	99
50) Dibromochloromethane	11.13	129	179507	24.632	ug/L	97
51) 1,2-Dibromoethane	11.24	107	148123	24.914	ug/L	96
52) Chlorobenzene	11.66	112	508332	24.147	ug/L	99
53) Ethylbenzene	11.73	91	917854	24.637	ug/L	99
54) m,p-Xylene	11.84	106	340376	24.702	ug/L	96
55) o-xylene	12.16	106	334876	25.518	ug/L	95
56) Styrene	12.18	104	583365	25.619	ug/L	99
57) Isopropylbenzene	12.46	105	916838	25.514	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	192167	24.092	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	144022	24.256	ug/L	100
62) Bromoform	12.35	173	106891	23.324	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	406776	25.229	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	405435	23.581	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	382225	24.779	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	36334	24.198	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	296742	24.805	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	252009	26.231	ug/L	100
69) Naphthalene	15.37	128	552297	28.602	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	234072	26.044	ug/L	99

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

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