

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009840.D
 Acq On : 09 Apr 2019 15:07
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Apr 09 15:28:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:56:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	553119	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	529697	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	268939	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	156389	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
7) Chloroethane-d5	2.89	69	140068	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.48%
10) 1,1-Dichloroethene-d2	4.02	63	380800	24.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.84%
20) 2-Butanone-d5	7.07	46	133488	56.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.60%
24) Chloroform-d	7.65	84	381451	25.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.08%
26) 1,2-Dichloroethane-d4	8.31	65	234652	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.28%
29) Benzene-d6	8.27	84	706237	25.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.60%
33) 1,2-Dichloropropane-d6	9.27	67	218030	25.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.56%
37) Toluene-d8	10.32	98	641278	24.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.76%
38) trans-1,3-Dichloropropene-	10.58	79	103170	25.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.76%
39) 2-Hexanone-d5	10.93	63	97868	60.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	217512	27.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	234834	24.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	178396	24.484	ug/L	99
3) Chloromethane	2.21	50	164492	21.846	ug/L	95
5) Vinyl chloride	2.37	62	208318	21.569	ug/L	95
6) Bromomethane	2.78	94	135012	20.202	ug/L	100
8) Chloroethane	2.93	64	137068	21.622	ug/L	99
9) Trichlorofluoromethane	3.25	101	128997	21.772	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	186395	24.186	ug/L	97
12) 1,1-Dichloroethene	4.04	96	179934	24.492	ug/L	90
13) Acetone	4.12	43	128650	51.093	ug/L	99
14) Carbon disulfide	4.38	76	510008	22.334	ug/L	99
15) Methyl Acetate	4.67	43	119621	26.055	ug/L	99
16) Methylene chloride	4.91	84	194694	19.958	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	258843	25.576	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	191598	25.077	ug/L	99
19) 1,1-Dichloroethane	6.21	63	376312	25.665	ug/L	99
21) 2-Butanone	7.17	43	183535	57.312	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	208832	25.556	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	96407	25.715	ug/L	92
25) Chloroform	7.67	83	392164	25.534	ug/L	100
27) 1,2-Dichloroethane	8.40	62	303615	26.137	ug/L	97
30) Cyclohexane	7.95	56	326161	26.088	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	301608	25.100	ug/L	98
32) Carbon tetrachloride	8.06	117	306445	25.437	ug/L	99
34) Benzene	8.32	78	822435	25.807	ug/L	100
35) Trichloroethene	9.09	95	216370	25.943	ug/L	98
36) Methylcyclohexane	9.33	83	355042	25.893	ug/L	100
40) 1,2-Dichloropropane	9.37	63	210072	25.750	ug/L	100
41) Bromodichloromethane	9.64	83	285974	25.405	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	332467	26.306	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	371908	58.688	ug/L	99
44) Toluene	10.38	91	884098	26.187	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	293340	26.921	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	161896	26.439	ug/L	96
47) Tetrachloroethene	10.86	164	165517	25.198	ug/L	98
49) 2-Hexanone	10.97	43	279173	59.166	ug/L	97
50) Dibromochloromethane	11.13	129	197024	26.189	ug/L	97
51) 1,2-Dibromoethane	11.24	107	159235	25.945	ug/L	99
52) Chlorobenzene	11.66	112	551666	25.386	ug/L	98
53) Ethylbenzene	11.73	91	1016552	26.433	ug/L	99
54) m,p-Xylene	11.84	106	375354	26.388	ug/L	98
55) o-xylene	12.16	106	358789	26.484	ug/L	99
56) Styrene	12.18	104	632801	26.921	ug/L	100
57) Isopropylbenzene	12.46	105	1010777	27.248	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	223369	27.127	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	168993	27.571	ug/L	100
62) Bromoform	12.35	173	119526	25.277	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	421512	25.337	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	446857	25.188	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	410769	25.808	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	40779	26.321	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	325564	26.375	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	261788	26.408	ug/L	100
69) Naphthalene	15.37	128	572869	28.752	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	248603	26.808	ug/L	98

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

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