

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009382.D
 Acq On : 23 Mar 2019 11:06
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Mar 23 22:43:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 01:25:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	473605	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	451450	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	239214	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128703	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.96%
7) Chloroethane-d5	2.89	69	133480	20.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.64%
10) 1,1-Dichloroethene-d2	4.02	63	284524	23.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.04%
20) 2-Butanone-d5	7.07	46	109474	46.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.54%
24) Chloroform-d	7.64	84	301654	23.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	8.31	65	177957	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.44%
29) Benzene-d6	8.27	84	555304	22.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.20%
33) 1,2-Dichloropropane-d6	9.27	67	167739	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.72%
37) Toluene-d8	10.32	98	515573	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.60%
38) trans-1,3-Dichloropropene-	10.57	79	82200	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.56%
39) 2-Hexanone-d5	10.93	63	86691	47.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	177979	24.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	204982	22.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	155066	24.854	ug/L 97
3) Chloromethane	2.21	50	153391	23.173	ug/L 99
5) Vinyl chloride	2.37	62	205710	30.193	ug/L 100
6) Bromomethane	2.78	94	140920	24.688	ug/L 99
8) Chloroethane	2.93	64	140875	24.992	ug/L 96
9) Trichlorofluoromethane	3.26	101	109018	20.257	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	162343	26.120	ug/L 96
12) 1,1-Dichloroethene	4.04	96	154183	26.437	ug/L 86
13) Acetone	4.12	43	98347	51.238	ug/L 99
14) Carbon disulfide	4.38	76	436989	27.841	ug/L 100
15) Methyl Acetate	4.66	43	89725	23.795	ug/L 96
16) Methylene chloride	4.91	84	161182	23.338	ug/L 95
17) Methyl tert-butyl Ether	5.42	73	201522	24.421	ug/L 99
18) trans-1,2-Dichloroethene	5.41	96	156914	25.591	ug/L 97
19) 1,1-Dichloroethane	6.21	63	289312	25.877	ug/L 100
21) 2-Butanone	7.17	43	131632	49.668	ug/L 97
22) cis-1,2-Dichloroethene	7.16	96	168730	25.402	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	80635	25.310	ug/L	98
25) Chloroform	7.67	83	305101	26.059	ug/L	100
27) 1,2-Dichloroethane	8.40	62	228017	26.121	ug/L	98
30) Cyclohexane	7.95	56	262918	25.643	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	241662	26.802	ug/L	99
32) Carbon tetrachloride	8.06	117	246825	27.132	ug/L	97
34) Benzene	8.32	78	647143	26.190	ug/L	100
35) Trichloroethene	9.09	95	167744	25.477	ug/L	99
36) Methylcyclohexane	9.33	83	290703	25.520	ug/L	99
40) 1,2-Dichloropropane	9.37	63	164327	25.916	ug/L	100
41) Bromodichloromethane	9.64	83	228145	25.968	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	262103	25.380	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	277886	48.364	ug/L	99
44) Toluene	10.38	91	702823	26.014	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	229594	25.557	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	129142	25.529	ug/L	98
47) Tetrachloroethene	10.86	164	137448	24.706	ug/L	96
49) 2-Hexanone	10.97	43	209501	51.770	ug/L	100
50) Dibromochloromethane	11.13	129	159957	25.615	ug/L	94
51) 1,2-Dibromoethane	11.23	107	128770	25.110	ug/L #	99
52) Chlorobenzene	11.66	112	447307	25.814	ug/L	98
53) Ethylbenzene	11.73	91	805328	26.514	ug/L	100
54) m,p-Xylene	11.84	106	301345	26.114	ug/L	96
55) o-xylene	12.17	106	291739	25.914	ug/L	91
56) Styrene	12.18	104	509683	26.535	ug/L	96
57) Isopropylbenzene	12.46	105	814824	27.019	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	175813	25.763	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	129921	25.653	ug/L	99
62) Bromoform	12.35	173	100500	24.865	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	358584	25.152	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	378902	25.706	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	350831	25.803	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	32478	24.374	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	281755	25.337	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	237248	25.399	ug/L	100
69) Naphthalene	15.37	128	493224	25.469	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	222978	25.487	ug/L	99

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

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