

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014932.D
 Acq On : 10 Feb 2020 10:14
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02519

Quant Time: Feb 11 00:29:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 10 16:01:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	850601	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	757287	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	343462	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	370003	26.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.12%
7) Chloroethane-d5	2.89	69	301022	26.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.80%
10) 1,1-Dichloroethene-d2	4.02	63	709489	27.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	110.32%#
20) 2-Butanone-d5	7.07	46	183846	46.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.04%
24) Chloroform-d	7.65	84	661405	27.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.56%
26) 1,2-Dichloroethane-d4	8.30	65	355362	26.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.36%
29) Benzene-d6	8.27	84	1303850	26.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.08%
33) 1,2-Dichloropropane-d6	9.27	67	427355	26.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.72%
37) Toluene-d8	10.32	98	1137265	26.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.16%
38) trans-1,3-Dichloropropene-	10.57	79	159819	25.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.00%
39) 2-Hexanone-d5	10.92	63	129206	44.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	283054	23.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	322568	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	213957	24.467	ug/L	89
3) Chloromethane	2.21	50	341531	25.774	ug/L	99
5) Vinyl chloride	2.37	62	473905	27.391	ug/L	98
6) Bromomethane	2.78	94	217037	25.087	ug/L	98
8) Chloroethane	2.93	64	256536	27.100	ug/L	100
9) Trichlorofluoromethane	3.26	101	225309	32.215	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	335179	27.149	ug/L	96
12) 1,1-Dichloroethene	4.04	96	313950	26.019	ug/L	88
13) Acetone	4.12	43	179740	44.063	ug/L	99
14) Carbon disulfide	4.38	76	992988	27.409	ug/L	99
15) Methyl Acetate	4.67	43	163672	24.383	ug/L	97
16) Methylene chloride	4.92	84	342128	22.078	ug/L	91
17) Methyl tert-butyl Ether	5.43	73	376555	23.888	ug/L	97
18) trans-1,2-Dichloroethene	5.42	96	319646	26.146	ug/L	87
19) 1,1-Dichloroethane	6.21	63	703851	28.418	ug/L	98
21) 2-Butanone	7.16	43	219399	45.938	ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	339836	25.700	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	128254	23.640	ug/L	84
25) Chloroform	7.67	83	631455	27.755	ug/L	99
27) 1,2-Dichloroethane	8.40	62	419910	26.770	ug/L	99
30) Cyclohexane	7.95	56	671828	29.774	ug/L	95
31) 1,1,1-Trichloroethane	7.87	97	497374	28.804	ug/L	97
32) Carbon tetrachloride	8.07	117	443049	28.544	ug/L	99
34) Benzene	8.32	78	1461641	28.068	ug/L	100
35) Trichloroethene	9.09	95	344589	26.695	ug/L	97
36) Methylcyclohexane	9.34	83	640137	28.469	ug/L	95
40) 1,2-Dichloropropane	9.37	63	391850	28.119	ug/L	99
41) Bromodichloromethane	9.64	83	444287	27.818	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	536077	27.091	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	440210	48.174	ug/L	96
44) Toluene	10.38	91	1482228	28.038	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	428430	26.886	ug/L	100
46) 1,1,2-Trichloroethane	10.78	97	225517	24.583	ug/L	98
47) Tetrachloroethene	10.86	164	237011	24.989	ug/L	94
49) 2-Hexanone	10.96	43	311959	48.603	ug/L	95
50) Dibromochloromethane	11.13	129	246702	25.022	ug/L	99
51) 1,2-Dibromoethane	11.23	107	199351	23.355	ug/L	100
52) Chlorobenzene	11.65	112	835257	25.842	ug/L	95
53) Ethylbenzene	11.72	91	1641096	28.376	ug/L	96
54) m,p-Xylene	11.83	106	579841	27.448	ug/L	94
55) o-xylene	12.16	106	545956	27.155	ug/L	100
56) Styrene	12.18	104	941594	27.710	ug/L	96
57) Isopropylbenzene	12.46	105	1529937	28.334	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	274225	23.948	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	205162	23.815	ug/L	99
62) Bromoform	12.35	173	119406	22.806	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	600453	25.881	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	597028	25.546	ug/L	97
65) 1,2-Dichlorobenzene	13.86	146	539322	25.415	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	41643	23.015	ug/L #	84
67) 1,3,5-Trichlorobenzene	14.63	180	423382	25.480	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	314482	23.954	ug/L	98
69) Naphthalene	15.36	128	575684	22.292	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	286853	23.663	ug/L	99

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

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