

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017176.D
 Acq On : 12 Nov 2020 10:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Nov 13 04:13:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	425301	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	384796	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200352	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	142881	26.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.68%
7) Chloroethane-d5	2.89	69	120679	29.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.92%
10) 1,1-Dichloroethene-d2	4.02	63	243861	25.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.80%
20) 2-Butanone-d5	7.09	46	58269	48.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.28%
24) Chloroform-d	7.65	84	286777	28.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.52%
26) 1,2-Dichloroethane-d4	8.31	65	139410	28.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.96%
29) Benzene-d6	8.28	84	542547	27.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.76%
33) 1,2-Dichloropropane-d6	9.27	67	151867	28.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.08%
37) Toluene-d8	10.33	98	507466	27.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.88%
38) trans-1,3-Dichloropropene-	10.58	79	65606	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.40%
39) 2-Hexanone-d5	10.93	63	47283	49.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131354	27.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	196836	27.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	101643	23.820	ug/L	96
3) Chloromethane	2.21	50	90813	23.449	ug/L	100
5) Vinyl chloride	2.37	62	143533	25.270	ug/L	97
6) Bromomethane	2.78	94	99479	25.325	ug/L	100
8) Chloroethane	2.93	64	90522	26.413	ug/L	99
9) Trichlorofluoromethane	3.26	101	127807	27.666	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	139048	25.329	ug/L	99
12) 1,1-Dichloroethene	4.04	96	125548	23.784	ug/L	95
13) Acetone	4.13	43	33329	41.552	ug/L	96
14) Carbon disulfide	4.39	76	315215	21.943	ug/L	98
15) Methyl Acetate	4.68	43	38209	19.219	ug/L	97
16) Methylene chloride	4.92	84	125904	21.958	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	141575	21.964	ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	128590	23.534	ug/L	96
19) 1,1-Dichloroethane	6.22	63	211951	24.483	ug/L	99
21) 2-Butanone	7.18	43	49579	38.495	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	135977	23.536	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	62354	22.417	ug/L	98
25) Chloroform	7.68	83	236157	25.056	ug/L	99
27) 1,2-Dichloroethane	8.40	62	137136	24.280	ug/L	98
30) Cyclohexane	7.96	56	171339	23.649	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	206334	26.184	ug/L	98
32) Carbon tetrachloride	8.07	117	199683	26.261	ug/L	99
34) Benzene	8.33	78	494992	24.498	ug/L	100
35) Trichloroethene	9.09	95	134264	23.721	ug/L	99
36) Methylcyclohexane	9.34	83	218673	24.010	ug/L	99
40) 1,2-Dichloropropane	9.37	63	113110	23.947	ug/L	98
41) Bromodichloromethane	9.65	83	165716	25.368	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	182314	24.369	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	115076	39.490	ug/L	98
44) Toluene	10.39	91	549748	24.718	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	156993	24.435	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	94988	23.325	ug/L	97
47) Tetrachloroethene	10.87	164	123237	24.132	ug/L	96
49) 2-Hexanone	10.97	43	75872	43.187	ug/L	96
50) Dibromochloromethane	11.13	129	119727	24.132	ug/L	99
51) 1,2-Dibromoethane	11.24	107	90985	22.998	ug/L	100
52) Chlorobenzene	11.66	112	370321	24.618	ug/L	100
53) Ethylbenzene	11.73	91	631434	25.418	ug/L	97
54) m,p-Xylene	11.84	106	248561	25.578	ug/L	95
55) o-xylene	12.17	106	231573	25.106	ug/L	93
56) Styrene	12.18	104	391398	25.274	ug/L	95
57) Isopropylbenzene	12.46	105	648684	25.914	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	106877	22.718	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	75581	22.351	ug/L	98
62) Bromoform	12.35	173	68731	22.348	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	294561	23.634	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	295292	23.583	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	269081	23.941	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	15706	21.136	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	224285	24.421	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	170753	23.298	ug/L	95
69) Naphthalene	15.37	128	298151	22.106	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	155342	23.197	ug/L	97

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

