

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111920\
 Data File : VW017357.D
 Acq On : 19 Nov 2020 08:57
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

Quant Time: Nov 20 01:05:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 05:03:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	371191	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	335868	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	172870	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126799	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
7) Chloroethane-d5	2.89	69	102800	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.20%
10) 1,1-Dichloroethene-d2	4.03	63	224339	23.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.36%
20) 2-Butanone-d5	7.08	46	34491	38.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.44%
24) Chloroform-d	7.65	84	228240	23.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	8.30	65	104048	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.32%
29) Benzene-d6	8.27	84	447652	23.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.56%
33) 1,2-Dichloropropane-d6	9.27	67	115838	22.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.84%
37) Toluene-d8	10.32	98	425267	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.44%
38) trans-1,3-Dichloropropene-	10.58	79	49524	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.20%
39) 2-Hexanone-d5	10.93	63	28024	41.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84154	22.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	142729	22.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	82444	23.904	ug/L	99
3) Chloromethane	2.21	50	91575	24.417	ug/L	98
5) Vinyl chloride	2.37	62	146766	26.645	ug/L	98
6) Bromomethane	2.79	94	104782	25.334	ug/L	100
8) Chloroethane	2.93	64	90871	26.359	ug/L	96
9) Trichlorofluoromethane	3.26	101	132344	27.003	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	132568	26.063	ug/L	97
12) 1,1-Dichloroethene	4.04	96	125343	25.657	ug/L	96
13) Acetone	4.13	43	25799	39.181	ug/L	98
14) Carbon disulfide	4.38	76	373884	26.056	ug/L	99
15) Methyl Acetate	4.67	43	31263	21.679	ug/L	99
16) Methylene chloride	4.92	84	119824	18.872	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	131195	22.791	ug/L #	79
18) trans-1,2-Dichloroethene	5.43	96	129322	24.733	ug/L	97
19) 1,1-Dichloroethane	6.22	63	200430	25.059	ug/L	98
21) 2-Butanone	7.18	43	39122	38.758	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	129150	24.320	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	61075	24.512	ug/L	96
25) Chloroform	7.68	83	220406	24.640	ug/L	99
27) 1,2-Dichloroethane	8.40	62	123897	23.901	ug/L	97
30) Cyclohexane	7.96	56	174170	25.877	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	201106	25.585	ug/L	100
32) Carbon tetrachloride	8.07	117	191442	25.518	ug/L	99
34) Benzene	8.32	78	477482	25.165	ug/L	100
35) Trichloroethene	9.09	95	133478	24.869	ug/L	98
36) Methylcyclohexane	9.34	83	226823	26.450	ug/L	99
40) 1,2-Dichloropropane	9.37	63	105620	24.610	ug/L	99
41) Bromodichloromethane	9.65	83	148612	24.656	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	164990	24.769	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	88138	41.376	ug/L	98
44) Toluene	10.39	91	530681	25.214	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	138846	24.603	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	80605	23.840	ug/L	96
47) Tetrachloroethene	10.87	164	122712	25.217	ug/L	96
49) 2-Hexanone	10.97	43	58363	45.522	ug/L	96
50) Dibromochloromethane	11.13	129	104931	24.272	ug/L	99
51) 1,2-Dibromoethane	11.24	107	76974	23.209	ug/L	99
52) Chlorobenzene	11.66	112	346187	24.701	ug/L	98
53) Ethylbenzene	11.73	91	597453	25.314	ug/L	94
54) m,p-Xylene	11.84	106	233841	25.712	ug/L	89
55) o-xylene	12.17	106	219710	25.458	ug/L	95
56) Styrene	12.18	104	364051	25.445	ug/L	100
57) Isopropylbenzene	12.46	105	616550	26.087	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	84522	23.079	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	59529	22.509	ug/L	99
62) Bromoform	12.35	173	57253	23.538	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	275199	24.428	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	273604	24.615	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	241589	24.673	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	12075	22.126	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	205092	25.023	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	150192	23.877	ug/L	98
69) Naphthalene	15.37	128	205333	22.737	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	131248	23.718	ug/L	95

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

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