

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090420\
 Data File : VW016467.D
 Acq On : 04 Sep 2020 16:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Sep 05 04:28:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 05 04:18:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	714127	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	653239	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	323173	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	157069	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.92%
7) Chloroethane-d5	2.90	69	152578	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.72%
10) 1,1-Dichloroethene-d2	4.03	63	358361	20.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.28%
20) 2-Butanone-d5	7.09	46	104201	38.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.02%
24) Chloroform-d	7.65	84	363083	21.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	8.31	65	190939	20.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.52%
29) Benzene-d6	8.28	84	698349	21.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.12%
33) 1,2-Dichloropropane-d6	9.28	67	204593	20.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.88%
37) Toluene-d8	10.33	98	683126	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.56%
38) trans-1,3-Dichloropropene-	10.58	79	102618	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.40%
39) 2-Hexanone-d5	10.93	63	83766	42.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	183188	22.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	247824	22.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.02	85	187900	23.518	ug/L 100
3) Chloromethane	2.22	50	174799	24.920	ug/L 100
5) Vinyl chloride	2.37	62	239128	26.765	ug/L 95
6) Bromomethane	2.79	94	189573	28.389	ug/L 100
8) Chloroethane	2.93	64	152200	27.691	ug/L 99
9) Trichlorofluoromethane	3.27	101	188872	25.813	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	226758	26.202	ug/L 96
12) 1,1-Dichloroethene	4.04	96	221634	25.186	ug/L 97
13) Acetone	4.14	43	74343	42.807	ug/L 99
14) Carbon disulfide	4.39	76	666104	24.769	ug/L 100
15) Methyl Acetate	4.67	43	94637	22.469	ug/L 96
16) Methylene chloride	4.93	84	230430	20.676	ug/L 93
17) Methyl tert-butyl Ether	5.43	73	335228	25.394	ug/L 98
18) trans-1,2-Dichloroethene	5.43	96	235220	25.165	ug/L 91
19) 1,1-Dichloroethane	6.22	63	387981	24.388	ug/L 97
21) 2-Butanone	7.18	43	123928	42.516	ug/L 95
22) cis-1,2-Dichloroethene	7.18	96	245639	25.225	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	114341	25.332	ug/L	91
25) Chloroform	7.68	83	413383	25.105	ug/L	100
27) 1,2-Dichloroethane	8.40	62	270801	24.697	ug/L	99
30) Cyclohexane	7.96	56	364932	23.387	ug/L	95
31) 1,1,1-Trichloroethane	7.88	97	365905	25.868	ug/L	97
32) Carbon tetrachloride	8.07	117	346612	25.619	ug/L	99
34) Benzene	8.33	78	891820	24.970	ug/L	100
35) Trichloroethene	9.10	95	249523	25.213	ug/L	99
36) Methylcyclohexane	9.34	83	428380	24.740	ug/L	96
40) 1,2-Dichloropropane	9.37	63	215050	24.352	ug/L	99
41) Bromodichloromethane	9.65	83	311570	25.237	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	374307	24.978	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	291803	46.665	ug/L	96
44) Toluene	10.39	91	1000313	25.029	ug/L	95
45) trans-1,3-Dichloropropene	10.61	75	330398	24.666	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	177148	25.311	ug/L	98
47) Tetrachloroethene	10.87	164	205321	25.876	ug/L	91
49) 2-Hexanone	10.97	43	202329	46.461	ug/L	98
50) Dibromochloromethane	11.13	129	227287	25.682	ug/L	100
51) 1,2-Dibromoethane	11.24	107	179408	25.652	ug/L	98
52) Chlorobenzene	11.66	112	660667	26.059	ug/L	97
53) Ethylbenzene	11.73	91	1156585	25.692	ug/L	100
54) m,p-Xylene	11.84	106	448492	26.067	ug/L	95
55) o-xylene	12.17	106	428025	26.117	ug/L	97
56) Styrene	12.18	104	730457	25.940	ug/L	94
57) Isopropylbenzene	12.46	105	1171460	26.093	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	211238	25.318	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	153767	24.659	ug/L	98
62) Bromoform	12.35	173	134753	24.849	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	522653	25.688	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	508611	25.211	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	457940	25.321	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	39064	23.197	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	371939	26.522	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	299531	24.694	ug/L	97
69) Naphthalene	15.37	128	656816	25.657	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	267888	25.723	ug/L	98

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

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