

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016680.D
 Acq On : 29 Sep 2020 09:43
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Sep 30 07:10:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	667852	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	585494	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	291988	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	115995	17.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.76%
7) Chloroethane-d5	2.91	69	107502	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.48%
10) 1,1-Dichloroethene-d2	4.04	63	308207	21.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.32%
20) 2-Butanone-d5	7.09	46	74608	42.33	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.66%
24) Chloroform-d	7.66	84	344031	24.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	8.31	65	169061	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.28%
29) Benzene-d6	8.28	84	575858	21.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.72%
33) 1,2-Dichloropropane-d6	9.28	67	171433	24.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.36%
37) Toluene-d8	10.33	98	532025	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.36%
38) trans-1,3-Dichloropropene-	10.58	79	78852	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.92%
39) 2-Hexanone-d5	10.93	63	62569	48.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148530	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	228848	24.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	215390	26.107	ug/L 96
3) Chloromethane	2.23	50	157417	26.076	ug/L 98
5) Vinyl chloride	2.38	62	240775	27.028	ug/L 99
6) Bromomethane	2.80	94	167368	24.760	ug/L 100
8) Chloroethane	2.95	64	139544	26.479	ug/L 99
9) Trichlorofluoromethane	3.28	101	241081	26.841	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	244505	28.415	ug/L 99
12) 1,1-Dichloroethene	4.06	96	233510	27.604	ug/L 92
13) Acetone	4.15	43	52090	37.730	ug/L 100
14) Carbon disulfide	4.40	76	649275	25.441	ug/L 100
15) Methyl Acetate	4.69	43	66151	21.042	ug/L 98
16) Methylene chloride	4.93	84	213800	20.756	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	279761	24.145	ug/L 98
18) trans-1,2-Dichloroethene	5.44	96	240152	27.413	ug/L 98
19) 1,1-Dichloroethane	6.23	63	373901	26.989	ug/L 99
21) 2-Butanone	7.18	43	82875	35.284	ug/L 92
22) cis-1,2-Dichloroethene	7.18	96	247867	27.269	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	114133	25.828	ug/L	98
25) Chloroform	7.68	83	413907	27.403	ug/L	99
27) 1,2-Dichloroethane	8.41	62	246808	25.467	ug/L	100
30) Cyclohexane	7.96	56	343684	26.861	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	387422	28.332	ug/L	99
32) Carbon tetrachloride	8.07	117	375165	28.240	ug/L	100
34) Benzene	8.33	78	857073	27.311	ug/L	100
35) Trichloroethene	9.10	95	253044	27.870	ug/L	99
36) Methylcyclohexane	9.34	83	421106	27.344	ug/L	99
40) 1,2-Dichloropropane	9.37	63	194661	26.670	ug/L	100
41) Bromodichloromethane	9.65	83	291150	26.918	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	331794	26.614	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	196810	42.441	ug/L	97
44) Toluene	10.39	91	983121	27.860	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	279694	25.785	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	157787	25.661	ug/L	98
47) Tetrachloroethene	10.87	164	231927	28.289	ug/L	91
49) 2-Hexanone	10.97	43	134099	45.565	ug/L	98
50) Dibromochloromethane	11.13	129	206068	25.669	ug/L	95
51) 1,2-Dibromoethane	11.24	107	154752	25.137	ug/L #	91
52) Chlorobenzene	11.66	112	650545	27.446	ug/L	99
53) Ethylbenzene	11.73	91	1131006	28.230	ug/L	95
54) m,p-Xylene	11.84	106	439789	28.034	ug/L	98
55) o-xylene	12.17	106	413133	27.489	ug/L	98
56) Styrene	12.18	104	682093	27.331	ug/L	100
57) Isopropylbenzene	12.47	105	1155725	28.142	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	165287	24.038	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	119928	23.417	ug/L	100
62) Bromoform	12.35	173	120498	24.467	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	531238	27.972	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	515463	27.714	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	453215	26.707	ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.49	75	27378	22.507	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	403721	29.066	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	329907	29.361	ug/L	97
69) Naphthalene	15.37	128	530923	26.655	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	274378	28.393	ug/L	98

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

