

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017052.D
 Acq On : 03 Nov 2020 10:40
 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: Nov 04 04:06:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:48:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	473479	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	427887	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219774	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124190	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.92%
7) Chloroethane-d5	2.90	69	109037	25.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.00%
10) 1,1-Dichloroethene-d2	4.03	63	264440	24.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.52%
20) 2-Butanone-d5	7.08	46	48482	47.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.20%
24) Chloroform-d	7.65	84	293300	26.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.44%
26) 1,2-Dichloroethane-d4	8.31	65	127201	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.00%
29) Benzene-d6	8.27	84	574791	26.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.60%
33) 1,2-Dichloropropane-d6	9.27	67	158376	26.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.80%
37) Toluene-d8	10.33	98	543416	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.04%
38) trans-1,3-Dichloropropene-	10.58	79	63356	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.64%
39) 2-Hexanone-d5	10.93	63	42013	50.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111443	24.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	201029	26.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	118626	21.966	ug/L 99
3) Chloromethane	2.22	50	110691	23.746	ug/L 100
5) Vinyl chloride	2.37	62	171871	25.173	ug/L 99
6) Bromomethane	2.79	94	115245	24.854	ug/L 99
8) Chloroethane	2.93	64	101069	25.723	ug/L 96
9) Trichlorofluoromethane	3.27	101	147592	27.255	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	166557	25.519	ug/L 99
12) 1,1-Dichloroethene	4.04	96	157436	25.401	ug/L 98
13) Acetone	4.13	43	29267	42.253	ug/L 100
14) Carbon disulfide	4.39	76	444841	23.674	ug/L 100
15) Methyl Acetate	4.68	43	37273	20.611	ug/L 98
16) Methylene chloride	4.92	84	148438	23.712	ug/L 96
17) Methyl tert-butyl Ether	5.43	73	158578	23.471	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	162427	25.057	ug/L 99
19) 1,1-Dichloroethane	6.22	63	247760	24.958	ug/L 100
21) 2-Butanone	7.17	43	45204	38.996	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	164031	25.029	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	72049	23.816	ug/L	97
25) Chloroform	7.68	83	263710	24.953	ug/L	100
27) 1,2-Dichloroethane	8.40	62	137635	22.870	ug/L	97
30) Cyclohexane	7.96	56	225926	25.241	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	243270	26.261	ug/L	99
32) Carbon tetrachloride	8.07	117	230015	25.868	ug/L	99
34) Benzene	8.33	78	592606	25.070	ug/L	100
35) Trichloroethene	9.10	95	164493	25.126	ug/L	99
36) Methylcyclohexane	9.34	83	280742	25.535	ug/L	99
40) 1,2-Dichloropropane	9.37	63	131871	24.980	ug/L	100
41) Bromodichloromethane	9.65	83	178360	24.893	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	205133	24.850	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	102294	40.879	ug/L	100
44) Toluene	10.39	91	650616	25.404	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	165117	24.146	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	95440	22.587	ug/L	97
47) Tetrachloroethene	10.87	164	150490	24.990	ug/L	94
49) 2-Hexanone	10.97	43	67345	42.229	ug/L	98
50) Dibromochloromethane	11.13	129	122650	23.827	ug/L	100
51) 1,2-Dibromoethane	11.24	107	90743	22.526	ug/L	100
52) Chlorobenzene	11.66	112	425759	24.868	ug/L	99
53) Ethylbenzene	11.73	91	738843	25.689	ug/L	97
54) m,p-Xylene	11.85	106	291765	25.785	ug/L	94
55) o-xylene	12.17	106	272411	25.989	ug/L	96
56) Styrene	12.18	104	453916	25.886	ug/L	98
57) Isopropylbenzene	12.47	105	755127	26.046	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	99012	21.831	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	68689	21.163	ug/L	99
62) Bromoform	12.35	173	68288	22.112	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	340221	23.992	ug/L	91
64) 1,4-Dichlorobenzene	13.58	146	339549	24.020	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	303825	24.287	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	14153	20.798	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	260437	25.092	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	199995	24.859	ug/L	99
69) Naphthalene	15.37	128	291122	22.309	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	175871	25.086	ug/L	96

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

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