

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042720\
 Data File : VW015356.D
 Acq On : 27 Apr 2020 16:16
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02527

Quant Time: Apr 28 06:13:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 28 06:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	327894	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178484	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	78144	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.64%
7) Chloroethane-d5	2.89	69	73557	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
10) 1,1-Dichloroethene-d2	4.03	63	150568	21.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.36%
20) 2-Butanone-d5	7.08	46	38698	48.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.94%
24) Chloroform-d	7.65	84	138341	22.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	8.31	65	85568	21.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.08%
29) Benzene-d6	8.27	84	309955	21.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.72%
33) 1,2-Dichloropropane-d6	9.27	67	87198	21.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.64%
37) Toluene-d8	10.32	98	334843	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.48%
38) trans-1,3-Dichloropropene-	10.58	79	45831	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.68%
39) 2-Hexanone-d5	10.92	63	35166	46.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79642	23.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	138583	22.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.00	85	107086	22.691	ug/L 100
3) Chloromethane	2.22	50	93171	23.276	ug/L 98
5) Vinyl chloride	2.36	62	109149	23.287	ug/L 98
6) Bromomethane	2.78	94	79678	24.187	ug/L 98
8) Chloroethane	2.92	64	69851	23.366	ug/L 100
9) Trichlorofluoromethane	3.26	101	165194	23.192	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	101023	22.996	ug/L 99
12) 1,1-Dichloroethene	4.04	96	92647	23.434	ug/L 92
13) Acetone	4.13	43	35037	49.125	ug/L 98
14) Carbon disulfide	4.39	76	284292	23.169	ug/L 99
15) Methyl Acetate	4.67	43	32237	23.492	ug/L 98
16) Methylene chloride	4.92	84	100590	23.115	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	223277	23.601	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	101914	23.059	ug/L 97
19) 1,1-Dichloroethane	6.22	63	157970	23.320	ug/L 99
21) 2-Butanone	7.17	43	50307	50.846	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	110075	23.764	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	50619	23.559	ug/L	96
25) Chloroform	7.68	83	203745	22.829	ug/L	100
27) 1,2-Dichloroethane	8.40	62	114151	23.662	ug/L	98
30) Cyclohexane	7.96	56	149672	22.914	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	172347	22.565	ug/L	99
32) Carbon tetrachloride	8.07	117	156848	22.988	ug/L	100
34) Benzene	8.32	78	378996	23.091	ug/L	100
35) Trichloroethene	9.09	95	109046	22.899	ug/L	100
36) Methylcyclohexane	9.34	83	187540	23.215	ug/L	99
40) 1,2-Dichloropropane	9.37	63	86402	23.138	ug/L	100
41) Bromodichloromethane	9.64	83	133009	22.990	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	154383	23.115	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	107164	52.096	ug/L	99
44) Toluene	10.39	91	472112	24.059	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	139766	23.725	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	75564	23.650	ug/L	99
47) Tetrachloroethene	10.86	164	105767	23.638	ug/L	95
49) 2-Hexanone	10.97	43	73392	48.603	ug/L	99
50) Dibromochloromethane	11.13	129	100825	23.675	ug/L	98
51) 1,2-Dibromoethane	11.23	107	75699	23.725	ug/L	100
52) Chlorobenzene	11.66	112	315071	23.868	ug/L	98
53) Ethylbenzene	11.73	91	549539	23.846	ug/L	99
54) m,p-Xylene	11.84	106	221440	23.966	ug/L	99
55) o-xylene	12.16	106	212762	24.298	ug/L	97
56) Styrene	12.18	104	366787	24.620	ug/L	100
57) Isopropylbenzene	12.46	105	577094	23.876	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	85449	24.350	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	64676	24.290	ug/L	98
62) Bromoform	12.35	173	65984	23.863	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	275348	23.819	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	268276	23.510	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	244784	23.667	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	17136	24.918	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	206350	23.926	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	168940	24.583	ug/L	99
69) Naphthalene	15.36	128	288662	24.887	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	144966	24.505	ug/L	99

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

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