

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042920\
 Data File : VW015381.D
 Acq On : 29 Apr 2020 15:36
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Quant Time: Apr 30 08:28:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 08:26:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	330327	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298179	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164955	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	54888	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.28%
7) Chloroethane-d5	2.89	69	58366	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.40%
10) 1,1-Dichloroethene-d2	4.01	63	133047	21.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.56%
20) 2-Butanone-d5	7.09	46	45112	61.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.06%
24) Chloroform-d	7.65	84	159445	21.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	8.30	65	86044	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.04%
29) Benzene-d6	8.27	84	301959	21.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.92%
33) 1,2-Dichloropropane-d6	9.27	67	84200	21.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.64%
37) Toluene-d8	10.32	98	303365	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.56%
38) trans-1,3-Dichloropropene-	10.58	79	44748	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.00%
39) 2-Hexanone-d5	10.92	63	41176	58.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89329	27.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	131050	22.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	60899	19.572	ug/L 100
3) Chloromethane	2.21	50	51660	20.277	ug/L 96
5) Vinyl chloride	2.37	62	85140	27.676	ug/L 99
6) Bromomethane	2.78	94	67770	23.438	ug/L 100
8) Chloroethane	2.93	64	57235	23.976	ug/L 98
9) Trichlorofluoromethane	3.26	101	82981	23.032	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	92949	24.435	ug/L 98
12) 1,1-Dichloroethene	4.03	96	87858	23.641	ug/L 95
13) Acetone	4.14	43	30992	49.780	ug/L 100
14) Carbon disulfide	4.38	76	242789	23.934	ug/L 99
15) Methyl Acetate	4.68	43	35042	28.223	ug/L 99
16) Methylene chloride	4.91	84	86954	20.670	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	139652	25.412	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	95207	23.383	ug/L 98
19) 1,1-Dichloroethane	6.21	63	146198	23.054	ug/L 98
21) 2-Butanone	7.18	43	47642	50.595	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	100310	22.815	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	50267	23.812	ug/L	99
25) Chloroform	7.68	83	165058	22.883	ug/L	99
27) 1,2-Dichloroethane	8.40	62	110343	24.120	ug/L	100
30) Cyclohexane	7.95	56	136168	23.853	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	153928	23.995	ug/L	100
32) Carbon tetrachloride	8.07	117	150487	24.261	ug/L	100
34) Benzene	8.32	78	355191	23.241	ug/L	100
35) Trichloroethene	9.09	95	103312	23.497	ug/L	100
36) Methylcyclohexane	9.34	83	177561	23.956	ug/L	99
40) 1,2-Dichloropropane	9.37	63	79707	22.982	ug/L	100
41) Bromodichloromethane	9.65	83	124214	23.398	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	143121	23.569	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	113774	48.647	ug/L	99
44) Toluene	10.38	91	411751	23.215	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	130038	24.093	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	73989	24.857	ug/L	98
47) Tetrachloroethene	10.86	164	98770	23.547	ug/L	99
49) 2-Hexanone	10.97	43	76593	59.816	ug/L	99
50) Dibromochloromethane	11.13	129	98362	24.434	ug/L	98
51) 1,2-Dibromoethane	11.23	107	77247	26.029	ug/L	98
52) Chlorobenzene	11.65	112	275375	23.038	ug/L	97
53) Ethylbenzene	11.73	91	476113	23.210	ug/L	99
54) m,p-Xylene	11.84	106	189441	23.329	ug/L	95
55) o-xylene	12.16	106	181560	23.305	ug/L	97
56) Styrene	12.18	104	310325	23.726	ug/L	98
57) Isopropylbenzene	12.46	105	514740	24.266	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	92059	27.805	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	68211	28.250	ug/L	99
62) Bromoform	12.35	173	70983	26.185	ug/L #	93
63) 1,3-Dichlorobenzene	13.50	146	241656	23.055	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	237836	22.935	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	223901	23.794	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.48	75	17259	28.033	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	187741	23.169	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	159087	23.888	ug/L	98
69) Naphthalene	15.36	128	296347	26.616	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	140164	24.373	ug/L	98

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

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