

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090320\
 Data File : VW016444.D
 Acq On : 03 Sep 2020 13:50
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV02

Quant Time: Sep 04 05:35:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 04 04:59:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	871335	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	791223	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	380460	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	225423	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.52%
7) Chloroethane-d5	2.90	69	204859	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.72%
10) 1,1-Dichloroethene-d2	4.03	63	513654	24.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.68%
20) 2-Butanone-d5	7.08	46	152620	46.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.46%
24) Chloroform-d	7.65	84	517684	25.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.44%
26) 1,2-Dichloroethane-d4	8.30	65	279487	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.16%
29) Benzene-d6	8.27	84	1019758	25.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.40%
33) 1,2-Dichloropropane-d6	9.27	67	297731	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.80%
37) Toluene-d8	10.33	98	969923	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.48%
38) trans-1,3-Dichloropropene-	10.58	79	147552	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.00%
39) 2-Hexanone-d5	10.93	63	122859	50.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	250641	25.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	342368	26.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.02	85	243099	24.937	ug/L 98
3) Chloromethane	2.22	50	229022	26.759	ug/L 99
5) Vinyl chloride	2.37	62	286944	26.322	ug/L 98
6) Bromomethane	2.79	94	208104	25.541	ug/L 99
8) Chloroethane	2.93	64	178758	26.656	ug/L 96
9) Trichlorofluoromethane	3.27	101	218119	24.432	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	273591	25.910	ug/L 98
12) 1,1-Dichloroethene	4.04	96	275179	25.629	ug/L 93
13) Acetone	4.13	43	103098	48.654	ug/L 98
14) Carbon disulfide	4.38	76	844586	25.739	ug/L 100
15) Methyl Acetate	4.67	43	123505	24.032	ug/L 97
16) Methylene chloride	4.92	84	286335	21.057	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	405071	25.148	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	284619	24.956	ug/L 97
19) 1,1-Dichloroethane	6.22	63	485527	25.013	ug/L 99
21) 2-Butanone	7.17	43	164239	46.179	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	303207	25.519	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	141225	25.643	ug/L	96
25) Chloroform	7.68	83	495861	24.681	ug/L	98
27) 1,2-Dichloroethane	8.40	62	330074	24.672	ug/L	97
30) Cyclohexane	7.96	56	474467	25.104	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	428560	25.014	ug/L	98
32) Carbon tetrachloride	8.07	117	419997	25.629	ug/L	99
34) Benzene	8.32	78	1097109	25.361	ug/L	100
35) Trichloroethene	9.09	95	302691	25.252	ug/L	98
36) Methylcyclohexane	9.34	83	529992	25.271	ug/L	99
40) 1,2-Dichloropropane	9.37	63	266096	24.878	ug/L	99
41) Bromodichloromethane	9.65	83	375016	25.078	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	460238	25.356	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	359172	47.422	ug/L	99
44) Toluene	10.39	91	1210237	25.001	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	406033	25.026	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	210382	24.817	ug/L	96
47) Tetrachloroethene	10.87	164	240058	24.978	ug/L	93
49) 2-Hexanone	10.97	43	254257	48.203	ug/L	98
50) Dibromochloromethane	11.13	129	270003	25.188	ug/L	98
51) 1,2-Dibromoethane	11.24	107	212550	25.091	ug/L	97
52) Chlorobenzene	11.66	112	782556	25.484	ug/L	97
53) Ethylbenzene	11.73	91	1385430	25.409	ug/L	98
54) m,p-Xylene	11.84	106	531343	25.497	ug/L	98
55) o-xylene	12.17	106	504291	25.404	ug/L	89
56) Styrene	12.18	104	858197	25.162	ug/L	98
57) Isopropylbenzene	12.47	105	1383801	25.448	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	244667	24.211	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	183737	24.326	ug/L	100
62) Bromoform	12.35	173	153910	24.108	ug/L #	96
63) 1,3-Dichlorobenzene	13.50	146	617944	25.798	ug/L	92
64) 1,4-Dichlorobenzene	13.58	146	608720	25.630	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	559241	26.267	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	47148	23.782	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	450240	27.272	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	390194	27.325	ug/L	97
69) Naphthalene	15.37	128	800775	26.570	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	336867	27.476	ug/L	98

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

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