

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
 Data File : VW015843.D
 Acq On : 13 Jul 2020 13:24
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV04

Quant Time: Jul 14 03:39:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 13 13:51:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	354902	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336914	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173799	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	148252	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.60%
7) Chloroethane-d5	2.89	69	141572	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.12%
10) 1,1-Dichloroethene-d2	4.01	63	217206	25.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.60%
20) 2-Butanone-d5	7.09	46	50016	52.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.62%
24) Chloroform-d	7.65	84	242202	25.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	8.31	65	130989	25.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.88%
29) Benzene-d6	8.27	84	484653	25.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.64%
33) 1,2-Dichloropropane-d6	9.27	67	134172	25.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.84%
37) Toluene-d8	10.32	98	465956	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.96%
38) trans-1,3-Dichloropropene-	10.58	79	60388	26.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.12%
39) 2-Hexanone-d5	10.93	63	42808	56.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114141	26.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	169706	25.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	60731	26.147	ug/L 99
3) Chloromethane	2.21	50	88469	22.965	ug/L 99
5) Vinyl chloride	2.37	62	155155	23.194	ug/L 99
6) Bromomethane	2.78	94	125601	20.633	ug/L 98
8) Chloroethane	2.93	64	106614	21.879	ug/L 98
9) Trichlorofluoromethane	3.26	101	145059	21.941	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	98987	25.058	ug/L 97
12) 1,1-Dichloroethene	4.03	96	97061	26.033	ug/L 94
13) Acetone	4.13	43	33913	46.956	ug/L 97
14) Carbon disulfide	4.38	76	311398	25.234	ug/L 98
15) Methyl Acetate	4.68	43	39096	26.386	ug/L 99
16) Methylene chloride	4.92	84	111388	23.682	ug/L 96
17) Methyl tert-butyl Ether	5.43	73	146457	25.683	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	113413	24.766	ug/L 97
19) 1,1-Dichloroethane	6.21	63	191265	24.113	ug/L 99
21) 2-Butanone	7.17	43	47683	48.587	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	118471	24.689	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	55543	25.899	ug/L	96
25) Chloroform	7.68	83	205420	23.808	ug/L	100
27) 1,2-Dichloroethane	8.40	62	137109	24.326	ug/L	98
30) Cyclohexane	7.96	56	167042	24.290	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	178119	23.917	ug/L	99
32) Carbon tetrachloride	8.07	117	171049	24.544	ug/L	100
34) Benzene	8.32	78	458162	24.436	ug/L	100
35) Trichloroethene	9.09	95	122805	24.124	ug/L	97
36) Methylcyclohexane	9.34	83	206787	23.729	ug/L	99
40) 1,2-Dichloropropane	9.37	63	107001	23.997	ug/L	99
41) Bromodichloromethane	9.65	83	148807	24.478	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	173775	25.954	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	110292	52.606	ug/L	100
44) Toluene	10.39	91	521142	24.693	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	152980	25.686	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	87148	25.242	ug/L	97
47) Tetrachloroethene	10.87	164	101387	24.471	ug/L	95
49) 2-Hexanone	10.97	43	77080	51.871	ug/L	99
50) Dibromochloromethane	11.13	129	107492	25.964	ug/L	93
51) 1,2-Dibromoethane	11.24	107	85202	25.938	ug/L	97
52) Chlorobenzene	11.66	112	341119	24.606	ug/L	99
53) Ethylbenzene	11.73	91	585139	24.482	ug/L	96
54) m,p-Xylene	11.84	106	232589	25.360	ug/L	96
55) o-xylene	12.17	106	220023	25.240	ug/L	94
56) Styrene	12.18	104	373136	25.405	ug/L	96
57) Isopropylbenzene	12.46	105	593733	24.832	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	101495	25.794	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	73431	25.407	ug/L	99
62) Bromoform	12.35	173	60206	25.651	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	272212	24.874	ug/L	92
64) 1,4-Dichlorobenzene	13.58	146	269313	24.293	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	239758	24.178	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.49	75	15664	25.551	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	179544	24.610	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	141242	24.794	ug/L	98
69) Naphthalene	15.37	128	281192	27.706	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	127820	25.148	ug/L	97

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

