

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\
 Data File : VW009664.D
 Acq On : 03 Apr 2019 15:10
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV15

Quant Time: Apr 04 01:56:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 14:53:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	550107	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	530518	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	264287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	145324	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.76%
7) Chloroethane-d5	2.89	69	143020	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.76%
10) 1,1-Dichloroethene-d2	4.02	63	335185	21.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.60%
20) 2-Butanone-d5	7.07	46	109879	47.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.02%
24) Chloroform-d	7.64	84	339938	22.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	8.30	65	207486	22.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.04%
29) Benzene-d6	8.27	84	630973	22.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.64%
33) 1,2-Dichloropropane-d6	9.27	67	193199	22.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.84%
37) Toluene-d8	10.32	98	590150	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.68%
38) trans-1,3-Dichloropropene-	10.58	79	94067	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.72%
39) 2-Hexanone-d5	10.93	63	84056	51.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	183302	22.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	210204	22.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	152649	21.065	ug/L 88
3) Chloromethane	2.21	50	174921	23.358	ug/L 99
5) Vinyl chloride	2.37	62	210557	21.920	ug/L 96
6) Bromomethane	2.78	94	151782	22.835	ug/L 99
8) Chloroethane	2.92	64	147670	23.422	ug/L 97
9) Trichlorofluoromethane	3.25	101	137747	23.376	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	174448	22.760	ug/L 98
12) 1,1-Dichloroethene	4.03	96	167375	22.908	ug/L 98
13) Acetone	4.12	43	104580	41.761	ug/L 97
14) Carbon disulfide	4.38	76	517999	22.808	ug/L 100
15) Methyl Acetate	4.67	43	110320	24.161	ug/L 97
16) Methylene chloride	4.91	84	192882	19.881	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	254921	25.327	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	180949	23.813	ug/L 94
19) 1,1-Dichloroethane	6.21	63	349445	23.963	ug/L 98
21) 2-Butanone	7.17	43	153641	48.240	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	200670	24.692	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	92031	24.683	ug/L	98
25) Chloroform	7.67	83	363357	23.788	ug/L	100
27) 1,2-Dichloroethane	8.40	62	278488	24.105	ug/L	98
30) Cyclohexane	7.95	56	313965	25.074	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	282805	23.499	ug/L	99
32) Carbon tetrachloride	8.06	117	280754	23.269	ug/L	98
34) Benzene	8.32	78	770490	24.139	ug/L	100
35) Trichloroethene	9.09	95	198894	23.810	ug/L	99
36) Methylcyclohexane	9.34	83	337090	24.545	ug/L	99
40) 1,2-Dichloropropane	9.37	63	193902	23.731	ug/L	99
41) Bromodichloromethane	9.64	83	272811	24.198	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	313112	24.736	ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	322243	50.772	ug/L	99
44) Toluene	10.38	91	833437	24.648	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	274359	25.140	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	147143	23.992	ug/L	94
47) Tetrachloroethene	10.86	164	155551	23.644	ug/L	97
49) 2-Hexanone	10.97	43	237990	50.360	ug/L	98
50) Dibromochloromethane	11.13	129	186210	24.714	ug/L	96
51) 1,2-Dibromoethane	11.23	107	149155	24.265	ug/L	97
52) Chlorobenzene	11.66	112	525957	24.165	ug/L	99
53) Ethylbenzene	11.73	91	959043	24.899	ug/L	99
54) m,p-Xylene	11.84	106	355859	24.979	ug/L	99
55) o-xylene	12.16	106	343829	25.341	ug/L	99
56) Styrene	12.18	104	603451	25.632	ug/L	99
57) Isopropylbenzene	12.46	105	944765	25.429	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	202500	24.555	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	153119	24.942	ug/L	99
62) Bromoform	12.35	173	112767	24.267	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	400332	24.487	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	419754	24.077	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	385581	24.652	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	36694	24.101	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	291923	24.065	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	242330	24.875	ug/L	100
69) Naphthalene	15.37	128	518406	26.477	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	227874	25.005	ug/L	100

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

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