

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041519\
 Data File : VW009977.D
 Acq On : 15 Apr 2019 17:26
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV08

Quant Time: Apr 16 01:47:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 15 18:07:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	645124	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	619229	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	299645	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	177121	29.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.20%
7) Chloroethane-d5	2.89	69	153950	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.72%
10) 1,1-Dichloroethene-d2	4.02	63	442344	26.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.64%
20) 2-Butanone-d5	7.07	46	187892	56.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.94%
24) Chloroform-d	7.65	84	459886	24.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.64%
26) 1,2-Dichloroethane-d4	8.30	65	287255	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.28%
29) Benzene-d6	8.27	84	881095	25.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.56%
33) 1,2-Dichloropropane-d6	9.27	67	273944	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.08%
37) Toluene-d8	10.32	98	817433	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.32%
38) trans-1,3-Dichloropropene-	10.58	79	133621	26.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.00%
39) 2-Hexanone-d5	10.93	63	145592	60.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	267496	26.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	287633	25.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	239882	26.503	ug/L 92
3) Chloromethane	2.22	50	219818	26.645	ug/L 97
5) Vinyl chloride	2.37	62	222049	28.612	ug/L 98
6) Bromomethane	2.78	94	140544	24.522	ug/L 100
8) Chloroethane	2.93	64	139679	25.071	ug/L 99
9) Trichlorofluoromethane	3.26	101	146863	22.987	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	202778	24.376	ug/L 97
12) 1,1-Dichloroethene	4.03	96	199405	25.602	ug/L 98
13) Acetone	4.12	43	156533	53.377	ug/L 98
14) Carbon disulfide	4.38	76	614061	27.813	ug/L 98
15) Methyl Acetate	4.67	43	164348	27.766	ug/L 99
16) Methylene chloride	4.92	84	239486	20.502	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	291822	25.601	ug/L 99
18) trans-1,2-Dichloroethene	5.41	96	219477	24.899	ug/L 98
19) 1,1-Dichloroethane	6.21	63	425596	24.223	ug/L 99
21) 2-Butanone	7.17	43	212449	55.324	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	240770	25.170	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	109447	24.568	ug/L	94
25) Chloroform	7.67	83	428809	23.851	ug/L	99
27) 1,2-Dichloroethane	8.40	62	338226	24.436	ug/L	98
30) Cyclohexane	7.95	56	377285	26.958	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	320594	24.791	ug/L	99
32) Carbon tetrachloride	8.06	117	316032	24.890	ug/L	99
34) Benzene	8.32	78	916803	25.133	ug/L	100
35) Trichloroethene	9.09	95	234242	24.697	ug/L	99
36) Methylcyclohexane	9.34	83	395199	25.934	ug/L	99
40) 1,2-Dichloropropane	9.37	63	241349	25.017	ug/L	99
41) Bromodichloromethane	9.64	83	321986	24.447	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	383567	25.789	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	439398	55.301	ug/L	99
44) Toluene	10.38	91	992459	25.645	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	335739	25.565	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	184851	24.569	ug/L	97
47) Tetrachloroethene	10.86	164	178613	24.108	ug/L	98
49) 2-Hexanone	10.97	43	319489	56.600	ug/L	99
50) Dibromochloromethane	11.13	129	220680	24.710	ug/L	100
51) 1,2-Dibromoethane	11.24	107	186369	25.305	ug/L	100
52) Chlorobenzene	11.66	112	612718	24.264	ug/L	98
53) Ethylbenzene	11.73	91	1101780	25.472	ug/L	98
54) m,p-Xylene	11.84	106	411025	25.979	ug/L	100
55) o-xylene	12.17	106	392278	25.851	ug/L	99
56) Styrene	12.18	104	687520	25.881	ug/L	99
57) Isopropylbenzene	12.47	105	1054889	26.099	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	253875	25.650	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	195410	26.381	ug/L	100
62) Bromoform	12.35	173	133108	25.296	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	463115	25.580	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	477847	24.562	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	443739	24.980	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	48868	27.185	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	337719	25.467	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	283617	26.108	ug/L	99
69) Naphthalene	15.37	128	681133	29.214	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	275640	26.593	ug/L	100

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

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