

Data File : VW001883.D

Acq On : 05 Apr 2018 19:00

Operator : JC/SY

Sample : VSTDICV025

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV87

Quant Time: Apr 06 02:06:18 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M

Quant Title : VOC Analysis

QLast Update : Fri Apr 06 02:05:35 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	357151	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	354382	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	179004	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115817	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.52%
7) Chloroethane-d5	2.89	69	92501	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
10) 1,1-Dichloroethene-d2	4.01	63	253292	22.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.24%
20) 2-Butanone-d5	7.09	46	90216	62.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.36%
24) Chloroform-d	7.65	84	229180	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	8.31	65	138427	22.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.44%
29) Benzene-d6	8.27	84	460828	22.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.84%
33) 1,2-Dichloropropane-d6	9.28	67	145512	22.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.20%
37) Toluene-d8	10.34	98	439921	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.32%
38) trans-1,3-Dichloropropene-	10.59	79	62578	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.36%
39) 2-Hexanone-d5	10.93	63	68222	48.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.72%
48) 1,1,2,2-Tetrachloroethane-	12.71	84	142021	23.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.52%
61) 1,2-Dichlorobenzene-d4	13.87	152	149972	22.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.48%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	205746	25.16	ug/L	99
3) Chloromethane	2.22	50	196609	26.65	ug/L	99
5) Vinyl chloride	2.36	62	178473	25.95	ug/L	96
6) Bromomethane	2.78	94	82337	26.15	ug/L	100
8) Chloroethane	2.92	64	97305	26.10	ug/L	96
9) Trichlorofluoromethane	3.27	101	241556	25.22	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	147316	25.43	ug/L	99
12) 1,1-Dichloroethene	4.03	96	125403	24.31	ug/L	94
13) Acetone	4.13	43	85773	50.94	ug/L	99
14) Carbon disulfide	4.37	76	482372	26.51	ug/L	100
15) Methyl Acetate	4.68	43	106945	26.66	ug/L	98
16) Methylene chloride	4.92	84	153618	20.76	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	280710	24.18	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	137370	24.84	ug/L	99
19) 1,1-Dichloroethane	6.22	63	262911	24.69	ug/L	98
21) 2-Butanone	7.18	43	120627	51.78	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	140065	24.61	ug/L	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	62499	24.63	ug/L	96
25) Chloroform	7.68	83	274488	23.79	ug/L	100
27) 1,2-Dichloroethane	8.40	62	186647	24.48	ug/L	98
30) Cyclohexane	7.96	56	245276	26.28	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	232755	24.49	ug/L	99
32) Carbon tetrachloride	8.07	117	210744	24.12	ug/L	98
34) Benzene	8.33	78	576441	25.13	ug/L	100
35) Trichloroethene	9.10	95	146908	24.00	ug/L	99
36) Methylcyclohexane	9.34	83	254504	26.28	ug/L	97
40) 1,2-Dichloropropane	9.38	63	155036	25.07	ug/L	100
41) Bromodichloromethane	9.65	83	184348	23.97	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	210124	24.27	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	244196	51.51	ug/L	99
44) Toluene	10.40	91	619848	25.92	ug/L	99
45) trans-1,3-Dichloropropene	10.62	75	194613	25.36	ug/L	99
46) 1,1,2-Trichloroethane	10.80	97	112421	24.29	ug/L	95
47) Tetrachloroethene	10.87	164	119363	24.69	ug/L	98
49) 2-Hexanone	10.98	43	186503	54.27	ug/L	99
50) Dibromochloromethane	11.13	129	127827	24.05	ug/L	98
51) 1,2-Dibromoethane	11.24	107	103751	24.29	ug/L	94
52) Chlorobenzene	11.67	112	382933	24.69	ug/L	97
53) Ethylbenzene	11.74	91	683228	25.96	ug/L	100
54) m,p-Xylene	11.85	106	253952	26.02	ug/L	93
55) o-xylene	12.18	106	231350	25.93	ug/L	98
56) Styrene	12.19	104	403631	26.38	ug/L	97
57) Isopropylbenzene	12.48	105	650694	26.87	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.73	83	153670	24.88	ug/L	97
59) 1,2,3-Trichloropropane	12.78	75	123119	25.31	ug/L	99
62) Bromoform	12.36	173	80631	23.98	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	283788	24.64	ug/L	99
64) 1,4-Dichlorobenzene	13.60	146	299409	23.96	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	277449	24.31	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.51	75	30600	25.38	ug/L	98
67) 1,3,5-Trichlorobenzene	14.65	180	209993	23.39	ug/L	99
68) 1,2,4-trichlorobenzene	15.16	180	168051	23.59	ug/L	97
69) Naphthalene	15.39	128	350165	24.26	ug/L	100
70) 1,2,3-Trichlorobenzene	15.58	180	167153	24.58	ug/L	99

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

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