

Data File : VW011420.D
Acq On : 22 Jul 2019 14:45
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV03

Quant Time: Jul 23 04:38:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis
QLast Update : Mon Jul 22 14:39:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	437244	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	389917	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188192	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	158429	27.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.56%
7) Chloroethane-d5	2.89	69	116391	27.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.48%
10) 1,1-Dichloroethene-d2	4.02	63	344936	26.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.32%
20) 2-Butanone-d5	7.07	46	132173	53.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.34%
24) Chloroform-d	7.65	84	300428	26.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.32%
26) 1,2-Dichloroethane-d4	8.31	65	179388	26.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.76%
29) Benzene-d6	8.27	84	619000	26.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.16%
33) 1,2-Dichloropropane-d6	9.27	67	202175	26.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.04%
37) Toluene-d8	10.32	98	556650	26.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.52%
38) trans-1,3-Dichloropropene-	10.58	79	90232	27.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.56%
39) 2-Hexanone-d5	10.92	63	91282	55.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162300	26.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	188529	26.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.72%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	148400	27.823 ug/L	97
3) Chloromethane	2.21	50	151990	23.486 ug/L	100
5) Vinyl chloride	2.36	62	183338	24.055 ug/L	100
6) Bromomethane	2.78	94	91822	24.955 ug/L	99
8) Chloroethane	2.92	64	100949	24.873 ug/L	96
9) Trichlorofluoromethane	3.26	101	80428	22.187 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	139857	24.040 ug/L	98
12) 1,1-Dichloroethene	4.04	96	138768	23.894 ug/L	88
13) Acetone	4.12	43	126410	48.070 ug/L	98
14) Carbon disulfide	4.39	76	455145	24.171 ug/L	99
15) Methyl Acetate	4.67	43	101545	25.148 ug/L	99
16) Methylene chloride	4.92	84	149389	23.471 ug/L	97
17) Methyl tert-butyl Ether	5.42	73	234178	25.505 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	143558	23.970 ug/L	100
19) 1,1-Dichloroethane	6.21	63	290136	24.389 ug/L	99
21) 2-Butanone	7.17	43	158372	46.862 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	152812	24.086 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	66099	24.928	ug/L	98
25) Chloroform	7.67	83	262461	23.951	ug/L	98
27) 1,2-Dichloroethane	8.40	62	198251	24.822	ug/L	100
30) Cyclohexane	7.96	56	302728	23.835	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	207659	23.925	ug/L	100
32) Carbon tetrachloride	8.07	117	193821	24.029	ug/L	99
34) Benzene	8.32	78	610121	24.105	ug/L	100
35) Trichloroethene	9.09	95	152891	23.766	ug/L	99
36) Methylcyclohexane	9.34	83	279258	23.872	ug/L	99
40) 1,2-Dichloropropane	9.37	63	164183	24.144	ug/L	100
41) Bromodichloromethane	9.64	83	193722	24.365	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	255294	24.989	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	286354	49.188	ug/L	99
44) Toluene	10.38	91	629778	24.258	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	206451	24.589	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	111941	24.592	ug/L	96
47) Tetrachloroethene	10.86	164	115660	23.434	ug/L	96
49) 2-Hexanone	10.97	43	215473	49.034	ug/L	99
50) Dibromochloromethane	11.13	129	126142	25.035	ug/L	98
51) 1,2-Dibromoethane	11.24	107	109981	24.983	ug/L	100
52) Chlorobenzene	11.66	112	378908	24.201	ug/L	99
53) Ethylbenzene	11.73	91	704916	24.125	ug/L	100
54) m,p-Xylene	11.84	106	258767	24.182	ug/L	99
55) o-xylene	12.16	106	246898	24.480	ug/L	99
56) Styrene	12.18	104	423612	24.967	ug/L	100
57) Isopropylbenzene	12.46	105	667014	24.280	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	144612	24.457	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	111091	24.590	ug/L	100
62) Bromoform	12.35	173	72557	24.359	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	292339	24.531	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	293324	24.233	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	268418	24.479	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	25860	24.742	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	228101	25.091	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	193045	25.622	ug/L	99
69) Naphthalene	15.37	128	409643	26.710	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	175297	25.682	ug/L	100

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

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