

Data File : VW016103.D
Acq On : 10 Aug 2020 14:19
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV06

Quant Time: Aug 11 01:15:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:14:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	418173	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	403026	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186246	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	129837	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.16%
7) Chloroethane-d5	2.89	69	101390	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.04%
10) 1,1-Dichloroethene-d2	4.01	63	276954	25.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.60%
20) 2-Butanone-d5	7.09	46	77111	56.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.04%
24) Chloroform-d	7.65	84	286851	25.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.24%
26) 1,2-Dichloroethane-d4	8.31	65	158224	26.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.16%
29) Benzene-d6	8.27	84	557377	25.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.68%
33) 1,2-Dichloropropane-d6	9.27	67	158862	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.56%
37) Toluene-d8	10.32	98	511787	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.80%
38) trans-1,3-Dichloropropene-	10.58	79	76947	26.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.20%
39) 2-Hexanone-d5	10.93	63	63839	57.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141475	26.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	173169	26.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.92%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	111764	26.457	ug/L	95
3) Chloromethane	2.21	50	105503	25.149	ug/L	97
5) Vinyl chloride	2.37	62	139445	25.045	ug/L	99
6) Bromomethane	2.78	94	85115	24.409	ug/L	99
8) Chloroethane	2.92	64	77543	24.733	ug/L	94
9) Trichlorofluoromethane	3.26	101	89415	22.498	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	135409	24.109	ug/L	98
12) 1,1-Dichloroethene	4.03	96	130353	24.287	ug/L	93
13) Acetone	4.14	43	49066	47.543	ug/L	97
14) Carbon disulfide	4.38	76	420861	24.981	ug/L	99
15) Methyl Acetate	4.67	43	61892	25.505	ug/L	98
16) Methylene chloride	4.92	84	147733	22.374	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	191754	25.212	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	137392	24.336	ug/L	93
19) 1,1-Dichloroethane	6.21	63	239483	23.975	ug/L	99
21) 2-Butanone	7.17	43	78981	48.287	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	145129	24.368	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	66559	24.350	ug/L	98
25) Chloroform	7.68	83	251643	23.679	ug/L	100
27) 1,2-Dichloroethane	8.40	62	169527	23.948	ug/L	100
30) Cyclohexane	7.95	56	214907	24.507	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	211647	22.854	ug/L	100
32) Carbon tetrachloride	8.07	117	202080	23.071	ug/L	100
34) Benzene	8.32	78	553643	23.822	ug/L	100
35) Trichloroethene	9.09	95	145138	23.225	ug/L	100
36) Methylcyclohexane	9.34	83	244450	23.745	ug/L	99
40) 1,2-Dichloropropane	9.37	63	134957	23.646	ug/L	100
41) Bromodichloromethane	9.65	83	182325	23.255	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	212012	24.391	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	175810	51.214	ug/L	99
44) Toluene	10.39	91	585400	23.861	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	190424	24.388	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	104937	23.358	ug/L	96
47) Tetrachloroethene	10.87	164	106315	22.693	ug/L	97
49) 2-Hexanone	10.97	43	121684	52.532	ug/L	99
50) Dibromochloromethane	11.13	129	123602	23.359	ug/L	99
51) 1,2-Dibromoethane	11.24	107	104082	24.437	ug/L	99
52) Chlorobenzene	11.66	112	376900	23.218	ug/L	99
53) Ethylbenzene	11.73	91	678955	24.392	ug/L	98
54) m,p-Xylene	11.84	106	255425	24.394	ug/L	95
55) o-xylene	12.17	106	244744	24.815	ug/L	98
56) Styrene	12.18	104	423926	24.826	ug/L	96
57) Isopropylbenzene	12.46	105	654827	24.625	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	128700	24.552	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	95510	24.050	ug/L	99
62) Bromoform	12.35	173	66496	23.611	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	280534	23.848	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	287023	23.952	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	256893	23.819	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	22679	23.980	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	181332	24.430	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	154781	25.729	ug/L	99
69) Naphthalene	15.37	128	359994	28.350	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	139955	25.607	ug/L	98

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

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