

Data File : VW016104.D
Acq On : 10 Aug 2020 14:47
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

Quant Time: Aug 11 01:16:06 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	419141	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	392237	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	179887	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118237	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.00%
7) Chloroethane-d5	2.89	69	94954	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.28%
10) 1,1-Dichloroethene-d2	4.02	63	261282	23.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.68%
20) 2-Butanone-d5	7.09	46	72142	52.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.52%
24) Chloroform-d	7.65	84	277941	24.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	8.31	65	150421	25.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.72%
29) Benzene-d6	8.27	84	534740	25.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.24%
33) 1,2-Dichloropropane-d6	9.27	67	152834	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.44%
37) Toluene-d8	10.32	98	489709	25.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.08%
38) trans-1,3-Dichloropropene-	10.58	79	72381	25.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.68%
39) 2-Hexanone-d5	10.93	63	58364	53.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129905	25.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	160020	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	104256	24.622 ug/L	98
3) Chloromethane	2.21	50	103797	24.685 ug/L	98
5) Vinyl chloride	2.37	62	136046	24.378 ug/L	98
6) Bromomethane	2.78	94	85512	24.466 ug/L	99
8) Chloroethane	2.92	64	78081	24.847 ug/L	97
9) Trichlorofluoromethane	3.26	101	85483	21.459 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	130171	23.123 ug/L	98
12) 1,1-Dichloroethene	4.03	96	131154	24.380 ug/L	93
13) Acetone	4.14	43	47967	46.371 ug/L	99
14) Carbon disulfide	4.37	76	419579	24.847 ug/L	98
15) Methyl Acetate	4.67	43	60880	25.030 ug/L	99
16) Methylene chloride	4.92	84	148206	22.393 ug/L	95
17) Methyl tert-butyl Ether	5.43	73	197635	25.925 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	143098	25.288 ug/L	92
19) 1,1-Dichloroethane	6.21	63	248532	24.823 ug/L	99
21) 2-Butanone	7.18	43	77424	47.226 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	149863	25.104 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	68513	25.007	ug/L	98
25) Chloroform	7.68	83	260840	24.488	ug/L	100
27) 1,2-Dichloroethane	8.40	62	175607	24.749	ug/L	100
30) Cyclohexane	7.96	56	217212	25.451	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	219406	24.343	ug/L	99
32) Carbon tetrachloride	8.07	117	210121	24.649	ug/L	100
34) Benzene	8.32	78	569408	25.174	ug/L	100
35) Trichloroethene	9.09	95	148256	24.376	ug/L	99
36) Methylcyclohexane	9.34	83	252484	25.200	ug/L	99
40) 1,2-Dichloropropane	9.37	63	138780	24.985	ug/L	99
41) Bromodichloromethane	9.65	83	187516	24.575	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	219492	25.947	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	173827	52.029	ug/L	100
44) Toluene	10.39	91	611706	25.619	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	194149	25.549	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	107209	24.520	ug/L	99
47) Tetrachloroethene	10.87	164	111327	24.416	ug/L	97
49) 2-Hexanone	10.97	43	121112	53.723	ug/L	99
50) Dibromochloromethane	11.13	129	130936	25.426	ug/L	97
51) 1,2-Dibromoethane	11.24	107	105175	25.373	ug/L	99
52) Chlorobenzene	11.66	112	388681	24.603	ug/L	97
53) Ethylbenzene	11.73	91	688402	25.411	ug/L	100
54) m,p-Xylene	11.84	106	261623	25.673	ug/L	97
55) o-xylene	12.17	106	249337	25.976	ug/L	98
56) Styrene	12.18	104	432309	26.014	ug/L	97
57) Isopropylbenzene	12.47	105	670665	25.915	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	133783	26.224	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	96732	25.028	ug/L	99
62) Bromoform	12.35	173	68910	25.333	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	284048	25.000	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	289559	25.017	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	262383	25.188	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	23009	25.189	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	185863	25.925	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	158294	27.243	ug/L	95
69) Naphthalene	15.37	128	356700	29.083	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	147756	27.990	ug/L	97

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

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