

Data File : VW015638.D
Acq On : 19 Jun 2020 10:07
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02514

Quant Time: Jun 20 00:43:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 19 07:30:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	327547	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	298143	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150076	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	63663	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
7) Chloroethane-d5	2.90	69	78253	26.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.84%
10) 1,1-Dichloroethene-d2	4.02	63	171166	23.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.60%
20) 2-Butanone-d5	7.08	46	54826	55.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.88%
24) Chloroform-d	7.65	84	204507	27.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	8.31	65	110343	26.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.72%
29) Benzene-d6	8.27	84	374419	25.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.44%
33) 1,2-Dichloropropane-d6	9.27	67	116858	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.20%
37) Toluene-d8	10.32	98	352359	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.16%
38) trans-1,3-Dichloropropene-	10.58	79	45893	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.32%
39) 2-Hexanone-d5	10.93	63	43932	57.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93851	28.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	127991	25.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	67081	23.182	ug/L 96
3) Chloromethane	2.22	50	67704	21.254	ug/L 98
5) Vinyl chloride	2.37	62	113004	23.590	ug/L 100
6) Bromomethane	2.79	94	72065	23.145	ug/L 99
8) Chloroethane	2.93	64	71562	24.541	ug/L 99
9) Trichlorofluoromethane	3.26	101	90760	26.623	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	96813	23.944	ug/L 99
12) 1,1-Dichloroethene	4.04	96	91205	23.352	ug/L 93
13) Acetone	4.12	43	48604	64.155	ug/L 100
14) Carbon disulfide	4.38	76	264025	20.264	ug/L 99
15) Methyl Acetate	4.68	43	37440	22.842	ug/L 98
16) Methylene chloride	4.92	84	100508	25.002	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	140592	22.684	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	99063	23.668	ug/L 99
19) 1,1-Dichloroethane	6.21	63	181670	24.131	ug/L 99
21) 2-Butanone	7.17	43	56047	48.158	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	104966	24.040	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	43891	23.311	ug/L	96
25) Chloroform	7.68	83	186759	24.637	ug/L	99
27) 1,2-Dichloroethane	8.40	62	122120	23.813	ug/L	100
30) Cyclohexane	7.96	56	163419	22.174	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	162099	24.303	ug/L	100
32) Carbon tetrachloride	8.07	117	147623	24.131	ug/L	100
34) Benzene	8.32	78	399783	23.978	ug/L	100
35) Trichloroethene	9.09	95	107194	23.935	ug/L	100
36) Methylcyclohexane	9.34	83	183359	22.955	ug/L	99
40) 1,2-Dichloropropane	9.37	63	98271	23.934	ug/L	99
41) Bromodichloromethane	9.65	83	130148	23.727	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	152575	23.221	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	109170	45.359	ug/L	99
44) Toluene	10.39	91	439759	24.209	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	131726	23.037	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	68835	23.963	ug/L	100
47) Tetrachloroethene	10.86	164	84830	23.895	ug/L	95
49) 2-Hexanone	10.97	43	79508	48.941	ug/L	100
50) Dibromochloromethane	11.13	129	83997	24.068	ug/L	100
51) 1,2-Dibromoethane	11.24	107	64561	23.411	ug/L	98
52) Chlorobenzene	11.66	112	279163	24.501	ug/L	96
53) Ethylbenzene	11.73	91	506256	24.271	ug/L	99
54) m,p-Xylene	11.84	106	193624	24.738	ug/L	99
55) o-xylene	12.17	106	183256	24.667	ug/L	98
56) Styrene	12.18	104	312138	24.588	ug/L	97
57) Isopropylbenzene	12.47	105	514668	24.869	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	80889	24.323	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	60808	24.115	ug/L	99
62) Bromoform	12.35	173	46285	22.135	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	217463	23.680	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	213962	23.778	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	195066	24.443	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	12790	21.127	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	151852	23.884	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	122398	23.902	ug/L	99
69) Naphthalene	15.37	128	205939	22.149	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	105830	24.293	ug/L	99

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

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