

Data File : VY001255.D
Acq On : 16 Jan 2020 10:51
Operator : SY/MD
Sample : VSTD02579
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025791

Quant Time: Jan 17 01:51:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM011620SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 01:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	318191	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	290634	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	139592	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	111420	23.72	ug/L	0.00
7) Chloroethane-d5	2.76	69	103680	24.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	205358	24.76	ug/L	0.00
21) 2-Butanone-d5	6.90	46	112290	52.08	ug/L	0.00
24) Chloroform-d	7.49	84	202822	24.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	116691	23.85	ug/L	0.00
32) Benzene-d6	8.12	84	441383	26.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.13	67	136136	26.33	ug/L	0.00
41) Toluene-d8	10.18	98	402556	25.69	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	66880	25.80	ug/L	0.00
47) 2-Hexanone-d5	10.78	63	98030	58.69	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	150178	26.78	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	140273	25.63	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	121716	26.962	ug/L	100
3) Chloromethane	2.12	50	133163	23.349	ug/L	100
5) Vinyl chloride	2.25	62	142114	26.281	ug/L	100
6) Bromomethane	2.65	94	81463	31.203	ug/L	100
8) Chloroethane	2.80	64	82470	25.146	ug/L	100
9) Trichlorofluoromethane	3.13	101	169430	22.921	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	104416	24.127	ug/L	100
12) 1,1-Dichloroethene	3.88	96	102684	24.674	ug/L	100
13) Acetone	3.96	43	107690	49.920	ug/L	100
14) Carbon disulfide	4.20	76	350669	26.412	ug/L	100
15) Methyl Acetate	4.49	43	84094	23.612	ug/L	100
16) Methylene chloride	4.72	84	115087	22.699	ug/L	100
17) trans-1,2-Dichloroethene	5.22	96	114924	24.924	ug/L	100
18) Methyl tert-butyl Ether	5.23	73	316643	24.172	ug/L	100
19) 1,1-Dichloroethane	6.03	63	195436	24.264	ug/L	100
20) cis-1,2-Dichloroethene	7.00	96	125857	24.458	ug/L	100
22) 2-Butanone	7.00	43	136331	43.972	ug/L	100
23) Bromochloromethane	7.34	128	55423	23.948	ug/L	100
25) Chloroform	7.52	83	193860	23.443	ug/L	100
27) 1,2-Dichloroethane	8.24	62	136577	23.224	ug/L	100
29) Cyclohexane	7.79	56	203099	25.687	ug/L	100
30) 1,1,1-Trichloroethane	7.71	97	164692	24.048	ug/L	100
31) Carbon tetrachloride	7.91	117	146005	23.213	ug/L	100
33) Benzene	8.17	78	464906	24.658	ug/L	100
34) Trichloroethene	8.94	95	118412	23.943	ug/L	100
35) Methylcyclohexane	9.18	83	216742	25.343	ug/L	100
37) 1,2-Dichloropropane	9.22	63	115906	24.110	ug/L	100
38) Bromodichloromethane	9.50	83	147869	24.366	ug/L	100
39) cis-1,3-Dichloropropene	9.93	75	197377	25.592	ug/L	100
40) 4-Methyl-2-pentanone	10.07	43	250965	47.433	ug/L	100

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42) Toluene	10.24	91	501900	24.931	ug/L	100
44) trans-1,3-Dichloropropene	10.47	75	167561	24.701	ug/L	100
45) 1,1,2-Trichloroethane	10.64	97	98468	24.254	ug/L	100
46) Tetrachloroethene	10.72	164	92489	24.353	ug/L	100
48) 2-Hexanone	10.83	43	200800	48.146	ug/L	100
49) Dibromochloromethane	10.99	129	109303	24.026	ug/L	100
50) 1,2-Dibromoethane	11.09	107	99761	24.177	ug/L	100
51) Chlorobenzene	11.52	112	315864	24.571	ug/L	100
52) Ethylbenzene	11.59	91	564715	24.628	ug/L	100
53) m,p-Xylene	11.70	106	217672	24.797	ug/L	100
54) o-Xylene	12.03	106	206792	24.355	ug/L	100
55) Styrene	12.04	104	367817	25.376	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.58	83	140961	25.329	ug/L	100
59) Bromoform	12.20	173	73132	24.982	ug/L	100
60) Isopropylbenzene	12.33	105	550052	24.937	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	107103	24.515	ug/L	100
62) 1,3,5-Trimethylbenzene	12.81	105	456162	25.327	ug/L #	62
63) 1,2,4-Trimethylbenzene	13.12	105	445647	25.117	ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	238693	24.267	ug/L	100
65) 1,4-Dichlorobenzene	13.44	146	242080	24.419	ug/L	100
67) 1,2-Dichlorobenzene	13.73	146	223788	24.323	ug/L	100
68) 1,2-Dibromo-3-chloropropan	14.36	75	26933	26.177	ug/L	100
69) 1,3,5-Trichlorobenzene	14.50	180	166672	24.684	ug/L	100
70) 1,2,4-trichlorobenzene	15.00	180	147393	23.976	ug/L	100
71) Naphthalene	15.23	128	404505	25.016	ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	136091	23.953	ug/L	100

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

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