

Data File : VY001253.D
Acq On : 16 Jan 2020 09:57
Operator : SY/MD
Sample : VSTD2.577
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.577

Quant Time: Jan 17 01:50:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL011620SMA.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	322866	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	294665	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	138293	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	10031	2.10	ug/L	0.00
7) Chloroethane-d5	2.76	69	8126	1.93	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	16736	1.99	ug/L	0.00
21) 2-Butanone-d5	6.90	46	6036	2.76	ug/L	0.00
24) Chloroform-d	7.49	84	13664	1.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.14	65	7487	1.51	ug/L	0.00
32) Benzene-d6	8.11	84	29432	1.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.12	67	9067	1.73	ug/L	0.00
41) Toluene-d8	10.18	98	27012	1.70	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	4271	1.63	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	4847	2.86	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	8543	1.50	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	8704	1.61	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	13355	2.916 ug/L	97
3) Chloromethane	2.11	50	14044	2.427 ug/L	93
5) Vinyl chloride	2.25	62	14541	2.650 ug/L	98
6) Bromomethane	2.66	94	7624	2.878 ug/L	93
8) Chloroethane	2.80	64	8239	2.476 ug/L	96
9) Trichlorofluoromethane	3.13	101	17583	2.344 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	10465	2.383 ug/L	97
12) 1,1-Dichloroethene	3.87	96	10484	2.483 ug/L	92
13) Acetone	3.96	43	12486	5.704 ug/L	94
14) Carbon disulfide	4.20	76	34756	2.580 ug/L	99
15) Methyl Acetate	4.49	43	8292	2.294 ug/L	95
16) Methylene chloride	4.72	84	15278	2.970 ug/L	97
17) trans-1,2-Dichloroethene	5.22	96	11405	2.438 ug/L	91
18) Methyl tert-butyl Ether	5.23	73	31046	2.336 ug/L #	82
19) 1,1-Dichloroethane	6.03	63	19760	2.418 ug/L	95
20) cis-1,2-Dichloroethene	7.00	96	13083	2.506 ug/L	95
22) 2-Butanone	6.99	43	14044	4.464 ug/L	94
23) Bromochloromethane	7.34	128	5770	2.457 ug/L	89
25) Chloroform	7.52	83	19328	2.303 ug/L	95
27) 1,2-Dichloroethane	8.24	62	13317	2.232 ug/L #	92
29) Cyclohexane	7.78	56	19923	2.485 ug/L	99
30) 1,1,1-Trichloroethane	7.71	97	16225	2.337 ug/L	99
31) Carbon tetrachloride	7.91	117	14668	2.300 ug/L	96
33) Benzene	8.17	78	46613	2.438 ug/L	100
34) Trichloroethene	8.94	95	11774	2.348 ug/L	97
35) Methylcyclohexane	9.19	83	21225	2.448 ug/L	99
37) 1,2-Dichloropropane	9.22	63	11618	2.384 ug/L	99
38) Bromodichloromethane	9.50	83	14312	2.326 ug/L #	99
39) cis-1,3-Dichloropropene	9.93	75	18834	2.409 ug/L	100
40) 4-Methyl-2-pentanone	10.07	43	23190	4.323 ug/L	99

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42) Toluene	10.24	91	49608	2.431	ug/L	97
44) trans-1,3-Dichloropropene	10.47	75	16182	2.353	ug/L	100
45) 1,1,2-Trichloroethane	10.64	97	9449	2.296	ug/L	97
46) Tetrachloroethene	10.72	164	8800	2.285	ug/L	95
48) 2-Hexanone	10.83	43	16117	3.812	ug/L	97
49) Dibromochloromethane	10.99	129	10662	2.312	ug/L	100
50) 1,2-Dibromoethane	11.09	107	9954	2.379	ug/L	98
51) Chlorobenzene	11.52	112	31407	2.410	ug/L	98
52) Ethylbenzene	11.59	91	56147	2.415	ug/L	100
53) m,p-Xylene	11.70	106	20918	2.350	ug/L	98
54) o-Xylene	12.03	106	20611	2.394	ug/L	97
55) Styrene	12.04	104	34244	2.330	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.58	83	13363	2.368	ug/L	96
59) Bromoform	12.20	173	6390	2.203	ug/L	98
60) Isopropylbenzene	12.33	105	53321	2.440	ug/L	97
61) 1,2,3-Trichloropropane	12.63	75	9649	2.229	ug/L	94
62) 1,3,5-Trimethylbenzene	12.81	105	42573	2.386	ug/L #	61
63) 1,2,4-Trimethylbenzene	13.12	105	42645	2.426	ug/L	99
64) 1,3-Dichlorobenzene	13.36	146	23938	2.457	ug/L	95
65) 1,4-Dichlorobenzene	13.44	146	24048	2.449	ug/L	98
67) 1,2-Dichlorobenzene	13.73	146	22449	2.463	ug/L	94
68) 1,2-Dibromo-3-chloropropan	14.36	75	2468	2.421	ug/L	95
69) 1,3,5-Trichlorobenzene	14.50	180	16626	2.485	ug/L	98
70) 1,2,4-trichlorobenzene	15.01	180	15024	2.467	ug/L	98
71) Naphthalene	15.23	128	37801	2.360	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	13743	2.442	ug/L	99

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

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