

Data File : VY001259.D
Acq On : 16 Jan 2020 12:17
Operator : SY/MD
Sample : VSTD2.577
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD2.5774

Quant Time: Jan 17 01:53:09 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	319541	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	290682	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	135697	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	11002	2.33	ug/L	0.00
7) Chloroethane-d5	2.76	69	8115	1.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	18365	2.20	ug/L	0.00
21) 2-Butanone-d5	6.91	46	7536	3.48	ug/L	0.00
24) Chloroform-d	7.49	84	14370	1.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	8355	1.70	ug/L	0.00
32) Benzene-d6	8.12	84	31197	1.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.13	67	9407	1.82	ug/L	0.00
41) Toluene-d8	10.18	98	29041	1.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	4914	1.90	ug/L	0.00
47) 2-Hexanone-d5	10.78	63	6446	3.86	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	10257	1.83	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	11088	2.08	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	13863	3.058	ug/L	99
3) Chloromethane	2.12	50	15069	2.631	ug/L	99
5) Vinyl chloride	2.26	62	15302	2.818	ug/L	98
6) Bromomethane	2.65	94	9123	3.480	ug/L	98
8) Chloroethane	2.80	64	8923	2.709	ug/L	97
9) Trichlorofluoromethane	3.13	101	18328	2.469	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	11316	2.604	ug/L	98
12) 1,1-Dichloroethene	3.88	96	11255	2.693	ug/L	85
13) Acetone	3.96	43	14520	6.702	ug/L	95
14) Carbon disulfide	4.20	76	36710	2.753	ug/L	97
15) Methyl Acetate	4.49	43	9750	2.726	ug/L	99
16) Methylene chloride	4.72	84	18568	3.647	ug/L	99
17) trans-1,2-Dichloroethene	5.22	96	12343	2.666	ug/L	88
18) Methyl tert-butyl Ether	5.22	73	33836	2.572	ug/L	# 90
19) 1,1-Dichloroethane	6.03	63	20840	2.576	ug/L	98
20) cis-1,2-Dichloroethene	7.00	96	13441	2.601	ug/L	96
22) 2-Butanone	7.00	43	16785	5.391	ug/L	97
23) Bromochloromethane	7.35	128	6101	2.625	ug/L	96
25) Chloroform	7.52	83	20789	2.503	ug/L	96
27) 1,2-Dichloroethane	8.25	62	14809	2.508	ug/L	99
29) Cyclohexane	7.80	56	22075	2.792	ug/L	98
30) 1,1,1-Trichloroethane	7.71	97	17302	2.526	ug/L	98
31) Carbon tetrachloride	7.91	117	14795	2.352	ug/L	97
33) Benzene	8.17	78	48346	2.564	ug/L	100
34) Trichloroethene	8.94	95	12696	2.567	ug/L	93
35) Methylcyclohexane	9.18	83	23806	2.783	ug/L	98
37) 1,2-Dichloropropane	9.22	63	12415	2.582	ug/L	98
38) Bromodichloromethane	9.50	83	15569	2.565	ug/L	93
39) cis-1,3-Dichloropropene	9.93	75	20374	2.641	ug/L	96
40) 4-Methyl-2-pentanone	10.07	43	28484	5.383	ug/L	98

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42) Toluene	10.24	91	53003	2.632	ug/L	97
44) trans-1,3-Dichloropropene	10.47	75	17253	2.543	ug/L	97
45) 1,1,2-Trichloroethane	10.64	97	10971	2.702	ug/L	94
46) Tetrachloroethene	10.72	164	10063	2.649	ug/L	97
48) 2-Hexanone	10.83	43	20826	4.993	ug/L	99
49) Dibromochloromethane	10.99	129	10755	2.364	ug/L	97
50) 1,2-Dibromoethane	11.08	107	11178	2.708	ug/L #	91
51) Chlorobenzene	11.52	112	34852	2.711	ug/L	96
52) Ethylbenzene	11.59	91	59455	2.593	ug/L	100
53) m,p-Xylene	11.70	106	23972	2.730	ug/L	96
54) o-Xylene	12.03	106	22715	2.675	ug/L	99
55) Styrene	12.04	104	38183	2.634	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.58	83	14900	2.677	ug/L #	92
59) Bromoform	12.20	173	7537	2.649	ug/L	98
60) Isopropylbenzene	12.33	105	57694	2.691	ug/L	98
61) 1,2,3-Trichloropropane	12.63	75	11819	2.783	ug/L	97
62) 1,3,5-Trimethylbenzene	12.81	105	48456	2.768	ug/L #	60
63) 1,2,4-Trimethylbenzene	13.12	105	48929	2.837	ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	27494	2.875	ug/L	97
65) 1,4-Dichlorobenzene	13.44	146	27584	2.862	ug/L	96
67) 1,2-Dichlorobenzene	13.74	146	26121	2.921	ug/L	93
68) 1,2-Dibromo-3-chloropropan	14.36	75	3068	3.067	ug/L	90
69) 1,3,5-Trichlorobenzene	14.50	180	19498	2.971	ug/L	97
70) 1,2,4-trichlorobenzene	15.00	180	18345	3.070	ug/L	97
71) Naphthalene	15.23	128	51217	3.258	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	17477	3.164	ug/L	99

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

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