

Data File : VY001254.D
Acq On : 16 Jan 2020 10:30
Operator : SY/MD
Sample : VSTD00578
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD00578

Quant Time: Jan 17 01:51:06 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	323027	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	291527	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	138379	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	20119	4.22	ug/L	0.00
7) Chloroethane-d5	2.76	69	15899	3.77	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.85	63	34975	4.15	ug/L	0.00
21) 2-Butanone-d5	6.90	46	12679	5.79	ug/L	0.00
24) Chloroform-d	7.49	84	27749	3.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	15572	3.13	ug/L	0.00
32) Benzene-d6	8.11	84	61535	3.63	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.13	67	18064	3.48	ug/L	0.00
41) Toluene-d8	10.18	98	56947	3.62	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	8730	3.36	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	11001	6.57	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	17793	3.16	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	18021	3.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	26505	5.783 ug/L	98
3) Chloromethane	2.12	50	27408	4.734 ug/L	95
5) Vinyl chloride	2.26	62	28201	5.137 ug/L	98
6) Bromomethane	2.65	94	14953	5.642 ug/L	100
8) Chloroethane	2.80	64	16679	5.009 ug/L	89
9) Trichlorofluoromethane	3.13	101	33941	4.523 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	21162	4.817 ug/L	98
12) 1,1-Dichloroethene	3.88	96	20608	4.878 ug/L	91
13) Acetone	3.96	43	18979	8.666 ug/L	98
14) Carbon disulfide	4.20	76	70365	5.221 ug/L	98
15) Methyl Acetate	4.49	43	16342	4.520 ug/L	100
16) Methylene chloride	4.72	84	25221	4.900 ug/L	98
17) trans-1,2-Dichloroethene	5.23	96	22734	4.857 ug/L	93
18) Methyl tert-butyl Ether	5.23	73	60269	4.532 ug/L	97
19) 1,1-Dichloroethane	6.03	63	39676	4.852 ug/L	98
20) cis-1,2-Dichloroethene	7.00	96	25085	4.802 ug/L	100
22) 2-Butanone	7.00	43	24107	7.659 ug/L	98
23) Bromochloromethane	7.34	128	11260	4.793 ug/L	97
25) Chloroform	7.52	83	37629	4.482 ug/L	97
27) 1,2-Dichloroethane	8.25	62	26989	4.521 ug/L	97
29) Cyclohexane	7.79	56	40249	5.075 ug/L	99
30) 1,1,1-Trichloroethane	7.71	97	32332	4.707 ug/L	99
31) Carbon tetrachloride	7.90	117	28958	4.590 ug/L	98
33) Benzene	8.17	78	92409	4.886 ug/L	100
34) Trichloroethene	8.94	95	23261	4.689 ug/L	98
35) Methylcyclohexane	9.19	83	42427	4.946 ug/L	98
37) 1,2-Dichloropropane	9.22	63	22188	4.601 ug/L	99
38) Bromodichloromethane	9.50	83	28277	4.645 ug/L	99
39) cis-1,3-Dichloropropene	9.93	75	38238	4.943 ug/L	100
40) 4-Methyl-2-pentanone	10.07	43	47724	8.992 ug/L	99

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42) Toluene	10.25	91	98628	4.884	ug/L	97
44) trans-1,3-Dichloropropene	10.47	75	32308	4.748	ug/L	100
45) 1,1,2-Trichloroethane	10.64	97	18992	4.664	ug/L	96
46) Tetrachloroethene	10.72	164	18232	4.786	ug/L	97
48) 2-Hexanone	10.83	43	34190	8.173	ug/L	97
49) Dibromochloromethane	10.99	129	21055	4.614	ug/L	96
50) 1,2-Dibromoethane	11.09	107	19175	4.633	ug/L	99
51) Chlorobenzene	11.52	112	62061	4.813	ug/L	95
52) Ethylbenzene	11.59	91	109883	4.778	ug/L	98
53) m,p-Xylene	11.70	106	42262	4.800	ug/L	99
54) o-Xylene	12.03	106	40394	4.743	ug/L	98
55) Styrene	12.04	104	70377	4.840	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.58	83	25754	4.613	ug/L	97
59) Bromoform	12.20	173	13603	4.688	ug/L	100
60) Isopropylbenzene	12.33	105	105903	4.843	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	19649	4.537	ug/L	98
62) 1,3,5-Trimethylbenzene	12.81	105	87416	4.896	ug/L #	60
63) 1,2,4-Trimethylbenzene	13.12	105	87076	4.951	ug/L	99
64) 1,3-Dichlorobenzene	13.36	146	47244	4.845	ug/L	96
65) 1,4-Dichlorobenzene	13.44	146	47440	4.827	ug/L	99
67) 1,2-Dichlorobenzene	13.74	146	44153	4.841	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.36	75	4830	4.736	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.50	180	33395	4.989	ug/L	99
70) 1,2,4-trichlorobenzene	15.01	180	30124	4.943	ug/L	97
71) Naphthalene	15.23	128	79261	4.945	ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	27474	4.878	ug/L	98

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

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