

Data File : VY001257.D
Acq On : 16 Jan 2020 11:34
Operator : SY/MD
Sample : VSTD10081
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD100813

Quant Time: Jan 17 01:52:37 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	330086	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	299544	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	139450	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	461455	94.70	ug/L	0.00
7) Chloroethane-d5	2.76	69	424577	98.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.85	63	830105	96.47	ug/L	0.00
21) 2-Butanone-d5	6.90	46	476629	213.08	ug/L	0.00
24) Chloroform-d	7.49	84	851025	100.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	506439	99.76	ug/L	0.00
32) Benzene-d6	8.11	84	1846359	105.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.13	67	577307	108.33	ug/L	0.00
41) Toluene-d8	10.18	98	1691674	104.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	293052	109.70	ug/L	0.00
47) 2-Hexanone-d5	10.78	63	412686	239.73	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	634195	109.73	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	545425	99.74	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	460735	98.384	ug/L	100
3) Chloromethane	2.12	50	514394	86.944	ug/L	99
5) Vinyl chloride	2.25	62	552229	98.445	ug/L	100
6) Bromomethane	2.64	94	315531	116.504	ug/L	100
8) Chloroethane	2.79	64	321722	94.562	ug/L	98
9) Trichlorofluoromethane	3.13	101	647101	84.387	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	400305	89.165	ug/L	99
12) 1,1-Dichloroethene	3.88	96	395305	91.567	ug/L	95
13) Acetone	3.95	43	436209	194.917	ug/L	99
14) Carbon disulfide	4.19	76	1353318	98.259	ug/L	100
15) Methyl Acetate	4.48	43	339849	91.983	ug/L	99
16) Methylene chloride	4.72	84	439767	83.611	ug/L	97
17) trans-1,2-Dichloroethene	5.22	96	445309	93.095	ug/L	97
18) Methyl tert-butyl Ether	5.22	73	1268530	93.348	ug/L	100
19) 1,1-Dichloroethane	6.03	63	775412	92.801	ug/L	98
20) cis-1,2-Dichloroethene	6.99	96	494972	92.723	ug/L	97
22) 2-Butanone	6.99	43	556143	172.912	ug/L	100
23) Bromochloromethane	7.35	128	222402	92.637	ug/L	93
25) Chloroform	7.52	83	752965	87.774	ug/L	98
27) 1,2-Dichloroethane	8.24	62	549426	90.059	ug/L	99
29) Cyclohexane	7.79	56	790564	97.014	ug/L	99
30) 1,1,1-Trichloroethane	7.71	97	641137	90.832	ug/L	100
31) Carbon tetrachloride	7.91	117	563503	86.926	ug/L	99
33) Benzene	8.17	78	1824693	93.899	ug/L	100
34) Trichloroethene	8.94	95	462953	90.826	ug/L	99
35) Methylcyclohexane	9.19	83	833487	94.558	ug/L	98
37) 1,2-Dichloropropane	9.22	63	462337	93.310	ug/L	99
38) Bromodichloromethane	9.50	83	597334	95.502	ug/L	100
39) cis-1,3-Dichloropropene	9.93	75	797324	100.307	ug/L	99
40) 4-Methyl-2-pentanone	10.07	43	1014382	186.018	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.24	91	1981027	95.478	ug/L	99
44) trans-1,3-Dichloropropene	10.46	75	692115	98.991	ug/L	98
45) 1,1,2-Trichloroethane	10.64	97	394833	94.362	ug/L	97
46) Tetrachloroethene	10.72	164	339495	86.734	ug/L	93
48) 2-Hexanone	10.83	43	813585	189.272	ug/L	99
49) Dibromochloromethane	10.99	129	447302	95.399	ug/L	99
50) 1,2-Dibromoethane	11.09	107	400824	94.248	ug/L	99
51) Chlorobenzene	11.52	112	1228946	92.757	ug/L	98
52) Ethylbenzene	11.59	91	2221265	93.992	ug/L	100
53) m,p-Xylene	11.70	106	851573	94.126	ug/L	95
54) o-Xylene	12.03	106	820874	93.802	ug/L	98
55) Styrene	12.04	104	1471766	98.516	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.58	83	560642	97.743	ug/L	99
59) Bromoform	12.20	173	300798	102.858	ug/L	99
60) Isopropylbenzene	12.33	105	2165593	98.279	ug/L	99
61) 1,2,3-Trichloropropane	12.63	75	420911	96.441	ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	1739659	96.686	ug/L #	62
63) 1,2,4-Trimethylbenzene	13.12	105	1727359	97.453	ug/L	99
64) 1,3-Dichlorobenzene	13.36	146	904722	92.072	ug/L	100
65) 1,4-Dichlorobenzene	13.44	146	894543	90.327	ug/L	99
67) 1,2-Dichlorobenzene	13.73	146	814486	88.614	ug/L	98
68) 1,2-Dibromo-3-chloropropan	14.36	75	105203	102.353	ug/L	97
69) 1,3,5-Trichlorobenzene	14.50	180	579087	85.850	ug/L	99
70) 1,2,4-trichlorobenzene	15.00	180	526260	85.692	ug/L	100
71) Naphthalene	15.23	128	1566790	96.994	ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	494849	87.185	ug/L	99

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

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