

Data File : VY001256.D
Acq On : 16 Jan 2020 11:13
Operator : SY/MD
Sample : VSTD05080
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050802

Quant Time: Jan 17 01:52:06 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	316831	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	292908	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	138835	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	220900	47.23	ug/L	0.00
7) Chloroethane-d5	2.76	69	208032	50.36	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	405041	49.04	ug/L	0.00
21) 2-Butanone-d5	6.89	46	220359	102.64	ug/L	0.00
24) Chloroform-d	7.49	84	403917	49.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	235290	48.29	ug/L	0.00
32) Benzene-d6	8.12	84	873527	51.24	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.13	67	274749	52.73	ug/L	0.00
41) Toluene-d8	10.18	98	812898	51.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	138250	52.93	ug/L	0.00
47) 2-Hexanone-d5	10.78	63	192781	114.52	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	301245	53.30	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	276813	50.85	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	237003	52.726	ug/L	100
3) Chloromethane	2.12	50	267595	47.122	ug/L	99
5) Vinyl chloride	2.25	62	282614	52.489	ug/L	98
6) Bromomethane	2.65	94	166610	64.092	ug/L	98
8) Chloroethane	2.79	64	164432	50.352	ug/L	98
9) Trichlorofluoromethane	3.13	101	329799	44.808	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	205327	47.648	ug/L	99
12) 1,1-Dichloroethene	3.88	96	202167	48.788	ug/L	97
13) Acetone	3.95	43	190305	88.594	ug/L	97
14) Carbon disulfide	4.20	76	692183	52.359	ug/L	99
15) Methyl Acetate	4.48	43	165194	46.582	ug/L	99
16) Methylene chloride	4.72	84	223715	44.313	ug/L	99
17) trans-1,2-Dichloroethene	5.22	96	226185	49.264	ug/L	97
18) Methyl tert-butyl Ether	5.23	73	630746	48.357	ug/L	100
19) 1,1-Dichloroethane	6.03	63	395329	49.292	ug/L	98
20) cis-1,2-Dichloroethene	7.00	96	250057	48.803	ug/L	98
22) 2-Butanone	7.00	43	257434	83.388	ug/L	99
23) Bromochloromethane	7.35	128	110673	48.027	ug/L	96
25) Chloroform	7.52	83	387096	47.012	ug/L	99
27) 1,2-Dichloroethane	8.24	62	275769	47.094	ug/L	100
29) Cyclohexane	7.79	56	403492	50.637	ug/L	100
30) 1,1,1-Trichloroethane	7.71	97	326131	47.251	ug/L	99
31) Carbon tetrachloride	7.91	117	288716	45.546	ug/L	99
33) Benzene	8.17	78	935662	49.240	ug/L	100
34) Trichloroethene	8.94	95	235541	47.258	ug/L	99
35) Methylcyclohexane	9.18	83	432662	50.197	ug/L	99
37) 1,2-Dichloropropane	9.22	63	236023	48.714	ug/L	100
38) Bromodichloromethane	9.50	83	302658	49.485	ug/L	100
39) cis-1,3-Dichloropropene	9.93	75	401527	51.658	ug/L	98
40) 4-Methyl-2-pentanone	10.07	43	494765	92.786	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.24	91	1014007	49.979	ug/L	99
44) trans-1,3-Dichloropropene	10.47	75	343833	50.292	ug/L	99
45) 1,1,2-Trichloroethane	10.64	97	198457	48.504	ug/L	98
46) Tetrachloroethene	10.72	164	178211	46.561	ug/L	94
48) 2-Hexanone	10.83	43	390225	92.838	ug/L	99
49) Dibromochloromethane	10.99	129	226087	49.311	ug/L	100
50) 1,2-Dibromoethane	11.09	107	202372	48.663	ug/L	98
51) Chlorobenzene	11.51	112	627666	48.448	ug/L	96
52) Ethylbenzene	11.59	91	1140237	49.342	ug/L	99
53) m,p-Xylene	11.70	106	435644	49.243	ug/L	98
54) o-Xylene	12.03	106	420647	49.157	ug/L	99
55) Styrene	12.04	104	751769	51.462	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.58	83	284759	50.770	ug/L	98
59) Bromoform	12.20	173	149164	51.233	ug/L	99
60) Isopropylbenzene	12.33	105	1119013	51.008	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	212852	48.986	ug/L	98
62) 1,3,5-Trimethylbenzene	12.81	105	918711	51.286	ug/L #	62
63) 1,2,4-Trimethylbenzene	13.12	105	911408	51.647	ug/L	99
64) 1,3-Dichlorobenzene	13.36	146	480639	49.131	ug/L	100
65) 1,4-Dichlorobenzene	13.44	146	479224	48.604	ug/L	99
67) 1,2-Dichlorobenzene	13.73	146	439966	48.079	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.36	75	53467	52.249	ug/L	98
69) 1,3,5-Trichlorobenzene	14.50	180	321319	47.847	ug/L	100
70) 1,2,4-trichlorobenzene	15.00	180	288698	47.217	ug/L	99
71) Naphthalene	15.23	128	810152	50.375	ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	268726	47.555	ug/L	99

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

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