

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012621\
 Data File : VY003937.D
 Acq On : 26 Jan 2021 13:52
 Operator : SY/MD
 Sample : VSTD10036
 Misc : 5.00g/10mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD100536

Quant Time: Jan 26 14:02:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL012621SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 26 13:40:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	234751	25.00	ug/L	# 0.00
28) Chlorobenzene-d5	11.496	117	225971	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	112860	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	446773	130.95	ug/L	0.00
7) Chloroethane-d5	2.765	69	305242	115.61	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.869	63	702155	110.19	ug/L	0.00
21) 2-Butanone-d5	6.905	46	288183	212.85	ug/L	0.00
24) Chloroform-d	7.496	84	665916	109.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.155	65	408802	119.77	ug/L	0.00
32) Benzene-d6	8.124	84	1300176	100.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.130	67	401752	101.34	ug/L	0.00
41) Toluene-d8	10.185	98	1241817	106.22	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	213899	112.82	ug/L	0.00
47) 2-Hexanone-d5	10.794	63	217724	203.39	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.562	84	368350	93.30	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	437940	108.96	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	416674	135.48	ug/L	100
3) Chloromethane	2.119	50	430341	127.62	ug/L	99
5) Vinyl chloride	2.259	62	472806	134.63	ug/L	96
6) Bromomethane	2.656	94	271653	125.28	ug/L	99
8) Chloroethane	2.802	64	243788	111.93	ug/L	99
9) Trichlorofluoromethane	3.137	101	549226	109.81	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	324960	100.33	ug/L	98
12) 1,1-Dichloroethene	3.887	96	311398	101.10	ug/L	# 74
13) Acetone	3.960	43	204081	210.33	ug/L	94
14) Carbon disulfide	4.210	76	1049150	103.11	ug/L	100
15) Methyl Acetate	4.491	43	242321	102.89	ug/L	96
16) Methylene chloride	4.735	84	333818	84.00	ug/L	92
17) trans-1,2-Dichloroethene	5.241	96	334552	99.79	ug/L	88
18) Methyl tert-butyl Ether	5.241	73	957359	112.73	ug/L	# 95
19) 1,1-Dichloroethane	6.033	63	611516	106.58	ug/L	99
20) cis-1,2-Dichloroethene	7.002	96	359924	101.66	ug/L	87
22) 2-Butanone	7.002	43	327996	201.62	ug/L	95
23) Bromochloromethane	7.350	128	168624	98.45	ug/L	91
25) Chloroform	7.521	83	628380	108.63	ug/L	99
27) 1,2-Dichloroethane	8.246	62	460157	116.81	ug/L	97
29) Cyclohexane	7.795	56	611907	111.23	ug/L	94
30) 1,1,1-Trichloroethane	7.716	97	569858	107.51	ug/L	98
31) Carbon tetrachloride	7.911	117	506118	106.52	ug/L	99
33) Benzene	8.173	78	1388139	100.27	ug/L	100
34) Trichloroethene	8.947	95	361602	103.35	ug/L	92
35) Methylcyclohexane	9.191	83	608482	102.24	ug/L	92
37) 1,2-Dichloropropane	9.228	63	361504	102.16	ug/L	98
38) Bromodichloromethane	9.502	83	487675	108.07	ug/L	96
39) cis-1,3-Dichloropropene	9.935	75	592900	107.31	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	730752	225.01	ug/L	96
42) Toluene	10.252	91	1528618	104.40	ug/L	100
44) trans-1,3-Dichloropropene	10.471	75	560808	109.23	ug/L	98

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45) 1,1,2-Trichloroethane	10.648	97	284210	96.24	ug/L	97
46) Tetrachloroethene	10.721	164	300136	101.39	ug/L	98
48) 2-Hexanone	10.837	43	522451	221.86	ug/L	96
49) Dibromochloromethane	10.990	129	354761	102.87	ug/L	99
50) 1,2-Dibromoethane	11.093	107	277842	97.20	ug/L	99
51) Chlorobenzene	11.520	112	950679	101.52	ug/L	96
52) Ethylbenzene	11.599	91	1714992	108.54	ug/L	97
53) m,p-Xylene	11.709	106	640645	104.79	ug/L	88
54) o-Xylene	12.032	106	632463	109.11	ug/L	90
55) Styrene	12.044	104	1126061	113.40	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.587	83	355061	91.35	ug/L	98
59) Bromoform	12.209	173	245555	109.72	ug/L #	98
60) Isopropylbenzene	12.331	105	1692108	116.09	ug/L	98
61) 1,2,3-Trichloropropane	12.636	75	282665	103.91	ug/L	97
62) 1,3,5-Trimethylbenzene	12.812	105	1414500	121.09	ug/L	97
63) 1,2,4-Trimethylbenzene	13.123	105	1398032	120.72	ug/L	96
64) 1,3-Dichlorobenzene	13.367	146	711830	101.55	ug/L	99
65) 1,4-Dichlorobenzene	13.446	146	727793	102.25	ug/L	98
67) 1,2-Dichlorobenzene	13.739	146	694724	105.74	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.355	75	65784	102.80	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.507	180	504767	101.66	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	432615	102.68	ug/L	99
71) Naphthalene	15.239	128	942842	102.42	ug/L	98
72) 1,2,3-Trichlorobenzene	15.422	180	373633	97.26	ug/L	99

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

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