

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012621\
 Data File : VY003935.D
 Acq On : 26 Jan 2021 13:06
 Operator : SY/MD
 Sample : VSTD02534
 Misc : 5.00g/10mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025534

Quant Time: Jan 26 13:44:52 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	222474	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	213031	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	116547	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	109303	33.80	ug/L	0.00
7) Chloroethane-d5	2.772	69	85839	34.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.869	63	176212	29.18	ug/L	0.00
21) 2-Butanone-d5	6.911	46	75226	58.63	ug/L	0.00
24) Chloroform-d	7.496	84	163331	28.25	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.155	65	100849	31.18	ug/L	0.00
32) Benzene-d6	8.124	84	319486	26.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.130	67	100470	26.88	ug/L	0.00
41) Toluene-d8	10.185	98	304980	27.67	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	52877	29.58	ug/L	0.00
47) 2-Hexanone-d5	10.795	63	58626	58.09	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.563	84	96044	25.81	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	110265	26.57	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	104397	35.82	ug/L	97
3) Chloromethane	2.119	50	118222	36.99	ug/L	98
5) Vinyl chloride	2.260	62	116085	34.88	ug/L	98
6) Bromomethane	2.662	94	68121	33.15	ug/L	96
8) Chloroethane	2.808	64	69921	33.88	ug/L	100
9) Trichlorofluoromethane	3.137	101	139263	29.38	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	79417	25.87	ug/L	99
12) 1,1-Dichloroethene	3.887	96	76331	26.15	ug/L #	67
13) Acetone	3.967	43	52298	56.87	ug/L	97
14) Carbon disulfide	4.210	76	259049	26.86	ug/L	100
15) Methyl Acetate	4.497	43	64256	28.79	ug/L	96
16) Methylene chloride	4.735	84	86710	23.02	ug/L	93
17) trans-1,2-Dichloroethene	5.241	96	80875	25.45	ug/L	88
18) Methyl tert-butyl Ether	5.241	73	234540	29.14	ug/L #	96
19) 1,1-Dichloroethane	6.033	63	149662	27.52	ug/L	99
20) cis-1,2-Dichloroethene	7.003	96	86950	25.91	ug/L	87
22) 2-Butanone	7.003	43	84724	54.95	ug/L	94
23) Bromochloromethane	7.350	128	41715	25.70	ug/L	90
25) Chloroform	7.521	83	152267	27.77	ug/L	98
27) 1,2-Dichloroethane	8.246	62	115223	30.86	ug/L	98
29) Cyclohexane	7.795	56	148159	28.57	ug/L	95
30) 1,1,1-Trichloroethane	7.716	97	140681	28.15	ug/L	97
31) Carbon tetrachloride	7.911	117	124581	27.81	ug/L	98
33) Benzene	8.173	78	336078	25.75	ug/L	100
34) Trichloroethene	8.947	95	86975	26.37	ug/L	93
35) Methylcyclohexane	9.191	83	149430	26.63	ug/L	91
37) 1,2-Dichloropropane	9.222	63	88359	26.49	ug/L	98
38) Bromodichloromethane	9.502	83	116869	27.47	ug/L	96
39) cis-1,3-Dichloropropene	9.935	75	144574	27.76	ug/L	96
40) 4-Methyl-2-pentanone	10.075	43	189304	61.83	ug/L	96
42) Toluene	10.252	91	366891	26.58	ug/L	97
44) trans-1,3-Dichloropropene	10.471	75	136311	28.16	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.648	97	71155	25.56	ug/L	98
46) Tetrachloroethene	10.721	164	71829	25.74	ug/L	94
48) 2-Hexanone	10.837	43	138468	62.37	ug/L	96
49) Dibromochloromethane	10.990	129	87344	26.87	ug/L	94
50) 1,2-Dibromoethane	11.093	107	69232	25.69	ug/L #	98
51) Chlorobenzene	11.520	112	225880	25.59	ug/L	94
52) Ethylbenzene	11.599	91	409723	27.51	ug/L	97
53) m,p-Xylene	11.703	106	152863	26.52	ug/L	89
54) o-Xylene	12.032	106	147329	26.96	ug/L	88
55) Styrene	12.044	104	255979	27.34	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.587	83	91938	25.09	ug/L	99
59) Bromoform	12.209	173	60769	26.29	ug/L #	98
60) Isopropylbenzene	12.331	105	409207	27.19	ug/L	97
61) 1,2,3-Trichloropropane	12.636	75	74004	26.34	ug/L	97
62) 1,3,5-Trimethylbenzene	12.813	105	349143	28.94	ug/L	97
63) 1,2,4-Trimethylbenzene	13.123	105	348496	29.14	ug/L	95
64) 1,3-Dichlorobenzene	13.367	146	190213	26.28	ug/L	98
65) 1,4-Dichlorobenzene	13.447	146	189691	25.81	ug/L	98
67) 1,2-Dichlorobenzene	13.739	146	174088	25.66	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.355	75	18508	28.01	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.507	180	140345	27.37	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	116269	26.72	ug/L	99
71) Naphthalene	15.239	128	258308	27.17	ug/L	97
72) 1,2,3-Trichlorobenzene	15.428	180	104207	26.27	ug/L	99

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

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