

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051921\
 Data File : VY004847.D
 Acq On : 19 May 2021 12:20
 Operator : SY/MD
 Sample : VSTD10031
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD100131

Quant Time: May 20 01:30:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 20 01:29:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	330903	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.495	117	313762	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	150951	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	557967	85.80	ug/L	0.00
7) Chloroethane-d5	2.759	69	408835	83.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.863	63	972932	93.06	ug/L	0.00
21) 2-Butanone-d5	6.899	46	449275	213.01	ug/L	0.00
24) Chloroform-d	7.490	84	818938	85.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.149	65	543880	93.95	ug/L	0.00
32) Benzene-d6	8.118	84	1902612	99.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	612193	103.62	ug/L	0.00
41) Toluene-d8	10.185	98	1763845	98.15	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	297381	99.06	ug/L	0.00
47) 2-Hexanone-d5	10.794	63	345515	221.13	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.562	84	532215	98.53	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	554691	96.24	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	440385	72.56	ug/L	100
3) Chloromethane	2.119	50	521297	75.31	ug/L	99
5) Vinyl chloride	2.253	62	549562	80.98	ug/L	100
6) Bromomethane	2.650	94	228261	60.26	ug/L	99
8) Chloroethane	2.796	64	324059	76.44	ug/L	98
9) Trichlorofluoromethane	3.131	101	707247	84.70	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	435357	91.03	ug/L	99
12) 1,1-Dichloroethene	3.881	96	408201	88.78	ug/L	97
13) Acetone	3.960	43	240520	155.92	ug/L	97
14) Carbon disulfide	4.204	76	1217182	77.64	ug/L	100
15) Methyl Acetate	4.491	43	343959	92.58	ug/L	99
16) Methylene chloride	4.728	84	449861	78.40	ug/L	98
17) trans-1,2-Dichloroethene	5.228	96	442630	91.07	ug/L	98
18) Methyl tert-butyl Ether	5.234	73	1292402	94.21	ug/L	100
19) 1,1-Dichloroethane	6.027	63	839309	92.41	ug/L	100
20) cis-1,2-Dichloroethene	6.996	96	481469	94.30	ug/L	99
22) 2-Butanone	6.996	43	448754	187.83	ug/L	100
23) Bromochloromethane	7.344	128	214723	88.18	ug/L	99
25) Chloroform	7.515	83	907903	99.11	ug/L	99
27) 1,2-Dichloroethane	8.246	62	584175	86.62	ug/L	100
29) Cyclohexane	7.789	56	831329	94.64	ug/L	99
30) 1,1,1-Trichloroethane	7.710	97	717727	87.23	ug/L	99
31) Carbon tetrachloride	7.905	117	607172	83.73	ug/L	100
33) Benzene	8.167	78	1879829	93.57	ug/L	100
34) Trichloroethene	8.947	95	481415	90.44	ug/L	99
35) Methylcyclohexane	9.185	83	835197	94.67	ug/L	99
37) 1,2-Dichloropropane	9.222	63	502422	93.04	ug/L	100
38) Bromodichloromethane	9.502	83	624356	89.09	ug/L	98
39) cis-1,3-Dichloropropene	9.935	75	805457	96.04	ug/L	100
40) 4-Methyl-2-pentanone	10.075	43	1035576	196.82	ug/L	98
42) Toluene	10.246	91	2034100	93.25	ug/L	100
44) trans-1,3-Dichloropropene	10.471	75	744777	95.73	ug/L	98

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45) 1,1,2-Trichloroethane	10.648	97	388647	95.67	ug/L	98
46) Tetrachloroethene	10.721	164	354913	82.10	ug/L	96
48) 2-Hexanone	10.837	43	726815	194.15	ug/L	99
49) Dibromochloromethane	10.989	129	453111	91.23	ug/L	97
50) 1,2-Dibromoethane	11.093	107	381388	95.58	ug/L	100
51) Chlorobenzene	11.520	112	1231836	90.11	ug/L	99
52) Ethylbenzene	11.593	91	2235833	92.26	ug/L	100
53) m,p-Xylene	11.703	106	832653	91.95	ug/L	99
54) o-Xylene	12.032	106	813049	93.89	ug/L	100
55) Styrene	12.044	104	1423925	94.73	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.587	83	473085	91.02	ug/L	98
59) Bromoform	12.209	173	285559	92.06	ug/L	99
60) Isopropylbenzene	12.331	105	2162512	99.69	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	380589	98.44	ug/L	100
62) 1,3,5-Trimethylbenzene	12.812	105	1769000	96.81	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	1762119	97.95	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	883771	89.86	ug/L	98
65) 1,4-Dichlorobenzene	13.446	146	883975	89.74	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	819367	89.51	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.355	75	86250	93.38	ug/L	96
69) 1,3,5-Trichlorobenzene	14.507	180	600433	85.32	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	519919	88.96	ug/L	99
71) Naphthalene	15.239	128	1359619	108.15	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	471245	92.49	ug/L	100

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

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