

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051921\
 Data File : VY004848.D
 Acq On : 19 May 2021 13:06
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VICV132

Quant Time: May 20 03:07:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 20 02:58:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	327746	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	304909	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	146122	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	144099	26.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.92%
7) Chloroethane-d5	2.766	69	107832	27.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	3.863	63	244320	26.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.12%
21) 2-Butanone-d5	6.899	46	128035	57.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.58%
24) Chloroform-d	7.490	84	226359	26.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.68%
26) 1,2-Dichloroethane-d4	8.149	65	143839	27.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.56%
32) Benzene-d6	8.118	84	493109	27.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	9.124	67	160420	27.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.32%
41) Toluene-d8	10.185	98	452073	27.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.08%
43) trans-1,3-Dichloroprop...	10.441	79	76863	27.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.08%
47) 2-Hexanone-d5	10.795	63	95898	59.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.52%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	144812	27.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.92%
66) 1,2-Dichlorobenzene-d4	13.721	152	140845	26.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.68%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	104130	23.83	ug/L	100
3) Chloromethane	2.119	50	126559	23.63	ug/L	100
5) Vinyl chloride	2.253	62	134138	23.44	ug/L	99
6) Bromomethane	2.656	94	58619	26.08	ug/L	98
8) Chloroethane	2.802	64	79746	23.92	ug/L	98
9) Trichlorofluoromethane	3.131	101	173287	23.69	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	104864	24.12	ug/L	99
12) 1,1-Dichloroethene	3.881	96	96488	23.82	ug/L	91
13) Acetone	3.960	43	64733	49.45	ug/L	100
14) Carbon disulfide	4.204	76	316655	24.31	ug/L	99
15) Methyl Acetate	4.491	43	90889	24.89	ug/L	99
16) Methylene chloride	4.729	84	119180	21.19	ug/L	97
17) trans-1,2-Dichloroethene	5.228	96	106971	24.36	ug/L	94
18) Methyl tert-butyl Ether	5.235	73	311236	24.68	ug/L	100
19) 1,1-Dichloroethane	6.027	63	203201	24.26	ug/L	97
20) cis-1,2-Dichloroethene	6.996	96	115125	24.38	ug/L	99
22) 2-Butanone	7.003	43	119593	52.76	ug/L	98
23) Bromochloromethane	7.344	128	53639	24.09	ug/L	97
25) Chloroform	7.515	83	206326	24.04	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	144720	24.41	ug/L	99
29) Cyclohexane	7.789	56	193415	24.46	ug/L	99
30) 1,1,1-Trichloroethane	7.710	97	174298	24.27	ug/L	99
31) Carbon tetrachloride	7.905	117	138641	24.48	ug/L	98
33) Benzene	8.167	78	454081	24.14	ug/L	100
34) Trichloroethene	8.941	95	117200	24.65	ug/L	98
35) Methylcyclohexane	9.185	83	196011	24.53	ug/L	99
37) 1,2-Dichloropropane	9.222	63	123080	24.51	ug/L	100
38) Bromodichloromethane	9.502	83	152391	24.63	ug/L	98
39) cis-1,3-Dichloropropene	9.929	75	195169	25.05	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	272220	50.87	ug/L	99
42) Toluene	10.246	91	490261	24.65	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	180173	24.90	ug/L	100
45) 1,1,2-Trichloroethane	10.648	97	96227	24.68	ug/L	99
46) Tetrachloroethene	10.721	164	85840	23.96	ug/L	98
48) 2-Hexanone	10.837	43	192874	53.40	ug/L	100
49) Dibromochloromethane	10.990	129	108477	24.68	ug/L	96
50) 1,2-Dibromoethane	11.093	107	93987	24.93	ug/L	99
51) Chlorobenzene	11.520	112	298266	24.24	ug/L	99
52) Ethylbenzene	11.593	91	531040	24.75	ug/L	100
53) m,p-Xylene	11.703	106	197694	24.86	ug/L	97
54) o-Xylene	12.032	106	191153	25.21	ug/L	98
55) Styrene	12.044	104	329040	25.19	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.581	83	121379	25.50	ug/L	99
59) Bromoform	12.209	173	69039	24.78	ug/L	100
60) Isopropylbenzene	12.331	105	507667	24.71	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	99014	24.91	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	416032	25.19	ug/L	100
63) 1,2,4-Trimethylbenzene	13.123	105	416986	25.29	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	215232	24.59	ug/L	99
65) 1,4-Dichlorobenzene	13.447	146	218282	24.63	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	199692	24.61	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.355	75	22975	25.41	ug/L	96
69) 1,3,5-Trichlorobenzene	14.501	180	146864	24.94	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	121667	24.69	ug/L	99
71) Naphthalene	15.233	128	327318	26.36	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	113047	25.26	ug/L	99

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

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