

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100721\
 Data File : VY006326.D
 Acq On : 07 Oct 2021 13:00
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025890

Quant Time: Oct 08 00:54:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 08 00:53:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	211397	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	201389	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	107380	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	72656	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.08%
7) Chloroethane-d5	2.766	69	57072	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
11) 1,1-Dichloroethene-d2	3.863	63	126900	21.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.48%
21) 2-Butanone-d5	6.893	46	52359	53.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.90%
24) Chloroform-d	7.484	84	119508	22.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.76%
26) 1,2-Dichloroethane-d4	8.149	65	80252	22.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.76%
32) Benzene-d6	8.118	84	241817	21.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.28%
36) 1,2-Dichloropropane-d6	9.124	67	71024	21.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.36%
41) Toluene-d8	10.179	98	227781	21.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.32%
43) trans-1,3-Dichloroprop...	10.441	79	38762	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.64%
47) 2-Hexanone-d5	10.788	63	38971	54.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.36%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	63922	25.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.68%
66) 1,2-Dichlorobenzene-d4	13.721	152	83778	22.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.48%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	106902	27.05	ug/L	99
3) Chloromethane	2.119	50	106466	27.54	ug/L	97
5) Vinyl chloride	2.260	62	109780	24.27	ug/L	100
6) Bromomethane	2.662	94	57168	27.86	ug/L	97
8) Chloroethane	2.802	64	63405	24.77	ug/L	98
9) Trichlorofluoromethane	3.137	101	140127	25.07	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	69470	24.61	ug/L	92
12) 1,1-Dichloroethene	3.881	96	68031	24.97	ug/L	95
13) Acetone	3.954	43	69480	62.08	ug/L	98
14) Carbon disulfide	4.204	76	234274	23.76	ug/L	100
15) Methyl Acetate	4.479	43	49831	28.51	ug/L	99
16) Methylene chloride	4.722	84	80770	21.67	ug/L	98
17) trans-1,2-Dichloroethene	5.229	96	73989	25.85	ug/L	98
18) Methyl tert-butyl Ether	5.229	73	208197	27.81	ug/L	97
19) 1,1-Dichloroethane	6.027	63	132625	25.57	ug/L	99
20) cis-1,2-Dichloroethene	6.990	96	80383	26.80	ug/L	98
22) 2-Butanone	6.990	43	79510	63.82	ug/L	97
23) Bromochloromethane	7.344	128	37562	27.54	ug/L	85
25) Chloroform	7.515	83	148360	26.12	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	108262	26.81	ug/L	97
29) Cyclohexane	7.789	56	130798	25.24	ug/L	96
30) 1,1,1-Trichloroethane	7.710	97	133789	26.17	ug/L	98
31) Carbon tetrachloride	7.905	117	120512	26.04	ug/L	99
33) Benzene	8.167	78	314839	25.60	ug/L	100
34) Trichloroethene	8.941	95	81585	26.11	ug/L	96
35) Methylcyclohexane	9.185	83	138876	25.45	ug/L	99
37) 1,2-Dichloropropane	9.222	63	76379	25.96	ug/L	98
38) Bromodichloromethane	9.502	83	106545	26.38	ug/L	99
39) cis-1,3-Dichloropropene	9.929	75	126512	27.05	ug/L	99
40) 4-Methyl-2-pentanone	10.075	43	144218	61.10	ug/L	97
42) Toluene	10.246	91	348964	26.24	ug/L	99
44) trans-1,3-Dichloropropene	10.465	75	120631	27.32	ug/L	100
45) 1,1,2-Trichloroethane	10.648	97	61628	28.35	ug/L	96
46) Tetrachloroethene	10.721	164	68168	26.43	ug/L	94
48) 2-Hexanone	10.831	43	116077	63.03	ug/L	99
49) Dibromochloromethane	10.984	129	76762	28.13	ug/L	95
50) 1,2-Dibromoethane	11.093	107	58713	28.97	ug/L #	99
51) Chlorobenzene	11.520	112	212851	26.43	ug/L	99
52) Ethylbenzene	11.593	91	373460	26.33	ug/L	98
53) m,p-Xylene	11.703	106	145204	26.74	ug/L	96
54) o-Xylene	12.032	106	140834	27.07	ug/L	96
55) Styrene	12.044	104	247370	27.27	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.581	83	67814	28.61	ug/L #	99
59) Bromoform	12.209	173	52757	29.11	ug/L #	98
60) Isopropylbenzene	12.331	105	370667	25.57	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	60221	28.59	ug/L	99
62) 1,3,5-Trimethylbenzene	12.813	105	312267	26.45	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	309894	26.60	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	172750	26.59	ug/L	97
65) 1,4-Dichlorobenzene	13.447	146	172538	26.41	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	157390	26.66	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.355	75	14103	27.78	ug/L	98
69) 1,3,5-Trichlorobenzene	14.501	180	124271	27.05	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	102517	27.60	ug/L	98
71) Naphthalene	15.233	128	219933	30.31	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	93747	29.05	ug/L	98

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

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