

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060321\
 Data File : VV021491.D
 Acq On : 03 Jun 2021 18:44
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050193

Quant Time: Jun 04 03:08:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 04 03:06:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	472609	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	443225	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	257910	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	130146	41.826	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.660%
7) Chloroethane-d5	1.568	69	107968	46.645	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.300%
11) 1,1-Dichloroethene-d2	2.108	63	237204	44.613	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.220%
21) 2-Butanone-d5	3.892	46	242986	108.901	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.900%
24) Chloroform-d	4.352	84	295359	47.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	5.034	65	172483	48.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.700%
32) Benzene-d6	5.053	84	579181	46.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.420%
36) 1,2-Dichloropropane-d6	6.072	67	180291	47.084	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	7.317	98	552374	46.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.520%
43) trans-1,3-Dichloroprop...	7.622	79	92690	45.233	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.460%
47) 2-Hexanone-d5	8.088	63	178582	101.568	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.570%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	259197	48.765	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.520%
66) 1,2-Dichlorobenzene-d4	11.625	152	253085	47.206	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	145454	44.403	ug/L	99
3) Chloromethane	1.240	50	150575	46.142	ug/L	99
5) Vinyl chloride	1.311	62	156879	46.841	ug/L	100
6) Bromomethane	1.523	94	110111	48.006	ug/L	100
8) Chloroethane	1.584	64	93005	48.841	ug/L	99
9) Trichlorofluoromethane	1.751	101	233155	46.933	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	131634	45.584	ug/L	99
12) 1,1-Dichloroethene	2.118	96	131190	47.297	ug/L	97
13) Acetone	2.188	43	136326	71.010	ug/L #	85
14) Carbon disulfide	2.294	76	400490	45.798	ug/L	100
15) Methyl Acetate	2.436	43	160508	48.795	ug/L	99
16) Methylene chloride	2.507	84	162891	46.879	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	151983	48.027	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	484229	48.268	ug/L	99
19) 1,1-Dichloroethane	3.192	63	266545	47.531	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	171780	48.520	ug/L	95
22) 2-Butanone	3.976	43	226287	93.047	ug/L	99
23) Bromochloromethane	4.253	128	94894	48.395	ug/L	96
25) Chloroform	4.378	83	276021	47.563	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	194067	48.406	ug/L	99
29) Cyclohexane	4.680	56	232472	45.021	ug/L	98
30) 1,1,1-Trichloroethane	4.613	97	260543	47.619	ug/L	100
31) Carbon tetrachloride	4.831	117	236817	47.678	ug/L	100
33) Benzene	5.101	78	601873	47.444	ug/L	100
34) Trichloroethene	5.918	95	164437	47.686	ug/L	98
35) Methylcyclohexane	6.133	83	245311	44.316	ug/L	98
37) 1,2-Dichloropropane	6.175	63	151684	46.895	ug/L	99
38) Bromodichloromethane	6.513	83	214859	47.338	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	255672	47.014	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	437075	99.658	ug/L	99
42) Toluene	7.391	91	664351	47.207	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	241460	46.934	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	157351	47.931	ug/L	97
46) Tetrachloroethene	7.976	164	157681	49.736	ug/L	99
48) 2-Hexanone	8.140	43	332792	98.938	ug/L	99
49) Dibromochloromethane	8.249	129	198240	48.224	ug/L	98
50) 1,2-Dibromoethane	8.355	107	173199	47.935	ug/L	99
51) Chlorobenzene	8.883	112	441313	47.431	ug/L	99
52) Ethylbenzene	9.014	91	727811	47.085	ug/L	100
53) m,p-Xylene	9.140	106	280361	47.206	ug/L	99
54) o-Xylene	9.545	106	278685	47.524	ug/L	98
55) Styrene	9.561	104	479497	47.510	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	244065	47.627	ug/L	99
59) Bromoform	9.731	173	166841	47.944	ug/L	99
60) Isopropylbenzene	9.934	105	743699	46.535	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	192981	47.621	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	631629	45.909	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	644247	46.354	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	377002	46.702	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	376567	46.204	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	380185	47.036	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	61064	48.369	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	309421	45.437	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	286818	47.145	ug/L	100
71) Naphthalene	13.503	128	830784	49.507	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	285054	48.137	ug/L	100

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

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