

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080824\
 Data File : VV036844.D
 Acq On : 08 Aug 2024 10:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050350

Quant Time: Aug 09 02:35:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 02:35:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	457572	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	431480	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	218404	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	156956	42.947	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.900%
7) Chloroethane-d5	1.532	69	132471	45.963	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.920%
11) 1,1-Dichloroethene-d2	2.056	65	68557	43.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.700%
21) 2-Butanone-d5	3.786	46	175353	90.557	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.560%
24) Chloroform-d	4.240	84	327989	50.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
26) 1,2-Dichloroethane-d4	4.934	65	205525	48.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.480%
32) Benzene-d6	4.950	84	620705	47.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
36) 1,2-Dichloropropane-d6	5.982	67	207305	49.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.620%
41) Toluene-d8	7.236	98	549941	46.002	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.548	79	99931	45.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.340%
47) 2-Hexanone-d5	8.024	63	105441	87.222	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.220%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	233189	48.304	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	216830	48.720	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	198922	54.522	ug/L	100
3) Chloromethane	1.217	50	200843	52.601	ug/L	99
5) Vinyl chloride	1.282	62	204892	52.254	ug/L	98
6) Bromomethane	1.487	94	126294	51.157	ug/L	99
8) Chloroethane	1.548	64	125432	51.643	ug/L	99
9) Trichlorofluoromethane	1.712	101	268549	52.287	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	161220	53.271	ug/L	99
12) 1,1-Dichloroethene	2.069	96	149626	51.766	ug/L	93
13) Acetone	2.111	43	148717	91.794	ug/L	99
14) Carbon disulfide	2.237	76	446153	49.138	ug/L	100
15) Methyl Acetate	2.372	43	142701	42.757	ug/L	99
16) Methylene chloride	2.442	84	167025	51.401	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	155908	52.074	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	509228	48.292	ug/L	99
19) 1,1-Dichloroethane	3.105	63	310834	51.387	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	182190	51.845	ug/L	97
22) 2-Butanone	3.870	43	183418	84.510	ug/L	99
23) Bromochloromethane	4.137	128	87747	51.404	ug/L	99
25) Chloroform	4.269	83	316443	50.934	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	243291	49.645	ug/L	99
29) Cyclohexane	4.571	56	287096	52.222	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	272970	50.214	ug/L	99
31) Carbon tetrachloride	4.725	117	229262	50.218	ug/L	99
33) Benzene	5.002	78	675325	52.328	ug/L	100
34) Trichloroethene	5.825	95	186308	49.812	ug/L	98
35) Methylcyclohexane	6.040	83	296449	51.652	ug/L	98
37) 1,2-Dichloropropane	6.088	63	182400	53.352	ug/L	100
38) Bromodichloromethane	6.426	83	236080	50.145	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	294507	50.299	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	359710	84.936	ug/L	98
42) Toluene	7.307	91	713947	51.938	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	273318	50.095	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	163492	49.381	ug/L	99
46) Tetrachloroethene	7.899	164	127898	52.132	ug/L	99
48) 2-Hexanone	8.072	43	268857	86.293	ug/L	100
49) Dibromochloromethane	8.172	129	167015	49.089	ug/L	99
50) 1,2-Dibromoethane	8.278	107	168058	48.923	ug/L	99
51) Chlorobenzene	8.809	112	458519	51.986	ug/L	99
52) Ethylbenzene	8.940	91	817471	52.083	ug/L	100
53) m,p-Xylene	9.066	106	302944	51.636	ug/L	98
54) o-Xylene	9.471	106	295391	51.478	ug/L	100
55) Styrene	9.490	104	509113	51.773	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	213850	47.869	ug/L	100
59) Bromoform	9.657	173	108587	44.942	ug/L	99
60) Isopropylbenzene	9.860	105	814852	51.248	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	173781	44.201	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	673558	50.882	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	674300	50.885	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	354677	51.872	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	360275	51.815	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	343058	51.372	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	43507	38.293	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	250911	51.709	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	236641	50.849	ug/L	99
71) Naphthalene	13.432	128	674353	45.187	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	224787	49.345	ug/L	100

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

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