

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036769.D
 Acq On : 02 Aug 2024 18:30
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV250

Quant Time: Aug 03 00:11:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:03:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	457119	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	428519	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	208873	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	195323	53.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.000%
7) Chloroethane-d5	1.532	69	151828	52.732	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.460%
11) 1,1-Dichloroethene-d2	2.056	65	83301	53.338	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.680%
21) 2-Butanone-d5	3.799	46	182007	94.087	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.090%
24) Chloroform-d	4.246	84	348086	53.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.260%
26) 1,2-Dichloroethane-d4	4.941	65	226325	53.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.460%
32) Benzene-d6	4.953	84	700627	54.132	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.260%
36) 1,2-Dichloropropane-d6	5.986	67	224047	53.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.320%
41) Toluene-d8	7.240	98	643235	54.178	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.360%
43) trans-1,3-Dichloroprop...	7.551	79	115950	53.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.720%
47) 2-Hexanone-d5	8.024	63	133896	111.525	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.530%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	257220	53.650	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.300%
66) 1,2-Dichlorobenzene-d4	11.558	152	228558	53.699	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	199685	54.785	ug/L	100
3) Chloromethane	1.220	50	201632	52.860	ug/L	99
5) Vinyl chloride	1.282	62	207501	52.972	ug/L	99
6) Bromomethane	1.484	94	127311	51.620	ug/L	100
8) Chloroethane	1.548	64	125227	51.610	ug/L	98
9) Trichlorofluoromethane	1.712	101	261230	50.913	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	151252	50.027	ug/L	99
12) 1,1-Dichloroethene	2.069	96	146307	50.668	ug/L	97
13) Acetone	2.114	43	127456	78.749	ug/L	99
14) Carbon disulfide	2.237	76	470653	51.888	ug/L	99
15) Methyl Acetate	2.375	43	167575	50.259	ug/L	100
16) Methylene chloride	2.442	84	162091	49.932	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	153518	51.326	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	527780	50.101	ug/L	100
19) 1,1-Dichloroethane	3.105	63	306470	50.715	ug/L	97
20) cis-1,2-Dichloroethene	3.809	96	178901	50.960	ug/L	100
22) 2-Butanone	3.883	43	209678	96.705	ug/L	99
23) Bromochloromethane	4.143	128	86019	50.441	ug/L	97
25) Chloroform	4.272	83	314493	50.670	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	248359	50.729	ug/L	100
29) Cyclohexane	4.574	56	284413	52.092	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	276087	51.139	ug/L	99
31) Carbon tetrachloride	4.725	117	233641	51.531	ug/L	100
33) Benzene	5.005	78	669637	52.246	ug/L	100
34) Trichloroethene	5.828	95	188487	50.743	ug/L	97
35) Methylcyclohexane	6.043	83	293232	51.444	ug/L	98
37) 1,2-Dichloropropane	6.092	63	176493	51.981	ug/L	100
38) Bromodichloromethane	6.432	83	239416	51.205	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	292648	50.327	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	434942	103.410	ug/L	99
42) Toluene	7.313	91	707296	51.810	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	273927	50.553	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	165461	50.321	ug/L	99
46) Tetrachloroethene	7.902	164	124194	50.972	ug/L	98
48) 2-Hexanone	8.075	43	331052	106.990	ug/L	98
49) Dibromochloromethane	8.172	129	172581	51.075	ug/L	97
50) 1,2-Dibromoethane	8.281	107	176653	51.781	ug/L	99
51) Chlorobenzene	8.812	112	451179	51.508	ug/L	99
52) Ethylbenzene	8.944	91	811021	52.029	ug/L	99
53) m,p-Xylene	9.069	106	300929	51.647	ug/L	98
54) o-Xylene	9.474	106	293515	51.504	ug/L	98
55) Styrene	9.490	104	513530	52.583	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	231923	52.273	ug/L	99
59) Bromoform	9.661	173	119752	51.824	ug/L	99
60) Isopropylbenzene	9.863	105	800482	52.641	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	194721	51.787	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	666685	52.661	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	672310	53.050	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	341322	52.197	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	347155	52.206	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	332763	52.104	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	55493	51.072	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	241222	51.981	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	227866	51.198	ug/L	99
71) Naphthalene	13.432	128	757069	53.045	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	226483	51.986	ug/L	100

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

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