

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
 Data File : VV036774.D
 Acq On : 05 Aug 2024 09:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050344

Quant Time: Aug 06 02:49:32 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	5.526	114	540411	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	506625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	250377	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	199338	46.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.360%
7) Chloroethane-d5	1.532	69	157494	46.269	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.540%
11) 1,1-Dichloroethene-d2	2.056	65	86304	46.744	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.480%
21) 2-Butanone-d5	3.786	46	179104	78.316	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.320%
24) Chloroform-d	4.240	84	363891	46.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.960%
26) 1,2-Dichloroethane-d4	4.931	65	227060	45.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.180%
32) Benzene-d6	4.950	84	726313	47.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
36) 1,2-Dichloropropane-d6	5.982	67	227866	46.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.320%
41) Toluene-d8	7.236	98	665899	47.440	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.880%
43) trans-1,3-Dichloroprop...	7.545	79	118786	46.235	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.480%
47) 2-Hexanone-d5	8.021	63	106568	75.078	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.080%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	229918	40.562	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.120%
66) 1,2-Dichlorobenzene-d4	11.554	152	238335	46.714	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	223028	51.759	ug/L	99
3) Chloromethane	1.217	50	216426	47.994	ug/L	99
5) Vinyl chloride	1.281	62	224860	48.556	ug/L	98
6) Bromomethane	1.487	94	139351	47.794	ug/L	99
8) Chloroethane	1.548	64	136655	47.639	ug/L	99
9) Trichlorofluoromethane	1.712	101	289902	47.792	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	173397	48.512	ug/L	99
12) 1,1-Dichloroethene	2.066	96	161829	47.406	ug/L	90
13) Acetone	2.108	43	159422	83.318	ug/L	98
14) Carbon disulfide	2.236	76	510787	47.633	ug/L	99
15) Methyl Acetate	2.368	43	147877	37.516	ug/L	99
16) Methylene chloride	2.442	84	176803	46.069	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	168616	47.685	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	544854	43.750	ug/L	99
19) 1,1-Dichloroethane	3.101	63	330362	46.243	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	195036	46.993	ug/L	97
22) 2-Butanone	3.867	43	197077	76.884	ug/L	99
23) Bromochloromethane	4.133	128	93638	46.446	ug/L	97
25) Chloroform	4.265	83	339888	46.322	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.030	62	260912	45.079	ug/L	100
29) Cyclohexane	4.567	56	317434	49.176	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	298919	46.832	ug/L	99
31) Carbon tetrachloride	4.722	117	256622	47.873	ug/L	99
33) Benzene	4.998	78	725544	47.881	ug/L	100
34) Trichloroethene	5.821	95	212344	48.352	ug/L	99
35) Methylcyclohexane	6.040	83	331401	49.177	ug/L	98
37) 1,2-Dichloropropane	6.085	63	191641	47.741	ug/L	99
38) Bromodichloromethane	6.426	83	259880	47.013	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	334018	48.585	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	375579	75.529	ug/L	99
42) Toluene	7.307	91	765892	47.453	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	294298	45.939	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	168889	43.445	ug/L	97
46) Tetrachloroethene	7.899	164	138034	47.918	ug/L	99
48) 2-Hexanone	8.069	43	275110	75.203	ug/L	100
49) Dibromochloromethane	8.169	129	187438	46.920	ug/L	99
50) 1,2-Dibromoethane	8.275	107	179829	44.585	ug/L	99
51) Chlorobenzene	8.805	112	482481	46.589	ug/L	99
52) Ethylbenzene	8.940	91	876316	47.551	ug/L	100
53) m,p-Xylene	9.066	106	325426	47.241	ug/L	99
54) o-Xylene	9.471	106	319394	47.405	ug/L	100
55) Styrene	9.490	104	545755	47.267	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	200885	38.297	ug/L	100
59) Bromoform	9.657	173	123663	44.646	ug/L	99
60) Isopropylbenzene	9.860	105	866790	47.553	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	184970	41.039	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	730602	48.143	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	722905	47.587	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	373525	47.652	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	372986	46.793	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	359308	46.935	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	48745	37.425	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	263373	47.346	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	244969	45.917	ug/L	99
71) Naphthalene	13.432	128	650424	38.018	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	232729	44.564	ug/L	100

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

