

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036772.D
 Acq On : 02 Aug 2024 20:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050343

Quant Time: Aug 03 00:19:05 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	437762	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	414597	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	205853	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	185250	52.982	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 105.960%	
7) Chloroethane-d5	1.529	69	145751	52.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 105.720%	
11) 1,1-Dichloroethene-d2	2.056	65	80049	53.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.040%	
21) 2-Butanone-d5	3.796	46	179259	96.764	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 96.760%	
24) Chloroform-d	4.243	84	334136	53.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.500%	
26) 1,2-Dichloroethane-d4	4.937	65	217169	53.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.660%	
32) Benzene-d6	4.953	84	673322	53.770	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.540%	
36) 1,2-Dichloropropane-d6	5.986	67	217625	53.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 107.740%	
41) Toluene-d8	7.239	98	620020	53.976	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.960%	
43) trans-1,3-Dichloroprop...	7.551	79	109692	52.173	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.340%	
47) 2-Hexanone-d5	8.024	63	127147	109.460	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 109.460%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	249208	53.725	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 107.440%	
66) 1,2-Dichlorobenzene-d4	11.558	152	223590	53.303	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	195965	56.142	ug/L	100
3) Chloromethane	1.217	50	191203	52.343	ug/L	100
5) Vinyl chloride	1.282	62	202290	53.925	ug/L	98
6) Bromomethane	1.484	94	121535	51.457	ug/L	98
8) Chloroethane	1.548	64	120551	51.880	ug/L	97
9) Trichlorofluoromethane	1.712	101	253408	51.572	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	148876	51.419	ug/L	98
12) 1,1-Dichloroethene	2.069	96	142950	51.694	ug/L	97
13) Acetone	2.114	43	121256	78.231	ug/L	99
14) Carbon disulfide	2.236	76	449266	51.720	ug/L	99
15) Methyl Acetate	2.372	43	162457	50.879	ug/L	97
16) Methylene chloride	2.442	84	156678	50.398	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	148216	51.745	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	508553	50.411	ug/L	100
19) 1,1-Dichloroethane	3.105	63	294834	50.947	ug/L	97
20) cis-1,2-Dichloroethene	3.809	96	172565	51.329	ug/L	97
22) 2-Butanone	3.880	43	195687	94.243	ug/L	98
23) Bromochloromethane	4.140	128	82589	50.572	ug/L	96
25) Chloroform	4.272	83	304653	51.255	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	241442	51.497	ug/L	100
29) Cyclohexane	4.571	56	276957	52.429	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	264835	50.702	ug/L	99
31) Carbon tetrachloride	4.725	117	222218	50.657	ug/L	98
33) Benzene	5.005	78	647040	52.178	ug/L	100
34) Trichloroethene	5.828	95	181802	50.586	ug/L	99
35) Methylcyclohexane	6.043	83	283430	51.395	ug/L	99
37) 1,2-Dichloropropane	6.092	63	170918	52.029	ug/L	100
38) Bromodichloromethane	6.429	83	228822	50.583	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	287220	51.052	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	416377	102.320	ug/L	99
42) Toluene	7.310	91	678564	51.374	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	262949	50.157	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	159579	50.162	ug/L	98
46) Tetrachloroethene	7.902	164	118514	50.274	ug/L	100
48) 2-Hexanone	8.075	43	305352	101.998	ug/L	99
49) Dibromochloromethane	8.175	129	165898	50.746	ug/L	99
50) 1,2-Dibromoethane	8.278	107	168540	51.062	ug/L	99
51) Chlorobenzene	8.809	112	428040	50.507	ug/L	99
52) Ethylbenzene	8.944	91	774862	51.379	ug/L	100
53) m,p-Xylene	9.069	106	285002	50.556	ug/L	98
54) o-Xylene	9.474	106	281484	51.052	ug/L	100
55) Styrene	9.493	104	483520	51.172	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	220550	51.379	ug/L	100
59) Bromoform	9.661	173	113603	49.884	ug/L	99
60) Isopropylbenzene	9.863	105	765026	51.047	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	186639	50.366	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	634431	50.848	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	633921	50.755	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	321105	49.825	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	328668	50.151	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	315350	50.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	52340	48.877	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	223879	48.952	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	210042	47.885	ug/L	98
71) Naphthalene	13.432	128	678341	48.226	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	208543	48.570	ug/L	100

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

