

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035492.D
 Acq On : 01 May 2024 13:03
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV253

Quant Time: May 02 01:15:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 01:07:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	546341	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	531205	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	281601	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	196210	46.577	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.160%		
7) Chloroethane-d5	1.529	69	157603	50.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.540%		
11) 1,1-Dichloroethene-d2	2.056	65	83310	46.070	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.140%		
21) 2-Butanone-d5	3.789	46	283091	99.573	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.570%		
24) Chloroform-d	4.246	84	368584	47.701	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.400%		
26) 1,2-Dichloroethane-d4	4.937	65	215761	47.415	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.840%		
32) Benzene-d6	4.957	84	730929	48.884	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.760%		
36) 1,2-Dichloropropane-d6	5.985	67	227139	48.721	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.440%		
41) Toluene-d8	7.239	98	685296	50.352	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.700%		
43) trans-1,3-Dichloroprop...	7.551	79	110077	48.445	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.900%		
47) 2-Hexanone-d5	8.021	63	222496	103.855	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.850%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	337069	47.448	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.900%		
66) 1,2-Dichlorobenzene-d4	11.558	152	262266	46.877	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.760%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	174259	47.610	ug/L	99
3) Chloromethane	1.214	50	184379	46.500	ug/L	98
5) Vinyl chloride	1.281	62	199688	47.822	ug/L	99
6) Bromomethane	1.487	94	130190	49.037	ug/L	100
8) Chloroethane	1.548	64	127735	53.204	ug/L	99
9) Trichlorofluoromethane	1.709	101	273501	48.686	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	175462	49.277	ug/L	98
12) 1,1-Dichloroethene	2.066	96	154276	48.505	ug/L	92
13) Acetone	2.124	43	221545	84.172	ug/L	99
14) Carbon disulfide	2.236	76	398708	47.718	ug/L	100
15) Methyl Acetate	2.375	43	213640	50.038	ug/L	100
16) Methylene chloride	2.442	84	190001	47.145	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	167000	49.674	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	586923	49.642	ug/L	100
19) 1,1-Dichloroethane	3.108	63	340937	48.296	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	195685	48.940	ug/L	97
22) 2-Butanone	3.870	43	298245	95.719	ug/L	99
23) Bromochloromethane	4.143	128	104341	47.714	ug/L	97
25) Chloroform	4.272	83	354257	48.619	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	253324	48.579	ug/L	100
29) Cyclohexane	4.577	56	244156	51.479	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	300908	49.497	ug/L	99
31) Carbon tetrachloride	4.731	117	260987	49.651	ug/L	100
33) Benzene	5.005	78	719070	50.128	ug/L	100
34) Trichloroethene	5.831	95	189819	49.726	ug/L	99
35) Methylcyclohexane	6.047	83	278608	51.737	ug/L	100
37) 1,2-Dichloropropane	6.092	63	200774	50.942	ug/L	99
38) Bromodichloromethane	6.429	83	265708	49.004	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	317901	51.383	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	559502	106.351	ug/L	99
42) Toluene	7.313	91	773561	51.403	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	302758	51.518	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	209965	49.813	ug/L	99
46) Tetrachloroethene	7.902	164	153303	49.722	ug/L	98
48) 2-Hexanone	8.072	43	444627	103.872	ug/L	99
49) Dibromochloromethane	8.172	129	216814	49.140	ug/L	99
50) 1,2-Dibromoethane	8.278	107	219394	49.820	ug/L	100
51) Chlorobenzene	8.812	112	514855	49.284	ug/L	100
52) Ethylbenzene	8.944	91	840488	51.697	ug/L	99
53) m,p-Xylene	9.069	106	320597	53.156	ug/L	99
54) o-Xylene	9.477	106	315028	51.836	ug/L	96
55) Styrene	9.493	104	568089	54.084	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	349242	48.425	ug/L	98
59) Bromoform	9.664	173	177014	48.599	ug/L	100
60) Isopropylbenzene	9.863	105	863464	53.098	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	273934	48.489	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	701649	53.912	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	706433	54.132	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	422061	50.123	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	431851	48.603	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	433434	49.199	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	82719	49.717	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	321152	50.247	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	290579	51.608	ug/L	100
71) Naphthalene	13.435	128	812691	51.499	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	305052	52.195	ug/L	100

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

