

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037020.D
 Acq On : 26 Aug 2024 12:28
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV272

Quant Time: Aug 27 01:50:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:44:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	621878	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	599571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	308855	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	303841	53.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 106.820%	
7) Chloroethane-d5	1.532	69	232002	52.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 105.540%	
11) 1,1-Dichloroethene-d2	2.056	65	127097	53.157	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.320%	
21) 2-Butanone-d5	3.793	46	256051	116.231	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 116.230%	
24) Chloroform-d	4.243	84	488933	54.916	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.840%	
26) 1,2-Dichloroethane-d4	4.937	65	309563	55.212	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.420%	
32) Benzene-d6	4.953	84	988651	54.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.180%	
36) 1,2-Dichloropropane-d6	5.986	67	313486	55.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.540%	
41) Toluene-d8	7.240	98	894290	54.717	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.440%	
43) trans-1,3-Dichloroprop...	7.548	79	143966	54.862	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 109.720%	
47) 2-Hexanone-d5	8.024	63	178027	115.003	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 115.000%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	383310	55.720	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 111.440%	
66) 1,2-Dichlorobenzene-d4	11.554	152	326628	52.803	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	292256	55.613	ug/L	100
3) Chloromethane	1.217	50	321381	54.379	ug/L	99
5) Vinyl chloride	1.282	62	308485	55.601	ug/L	100
6) Bromomethane	1.487	94	176764	56.859	ug/L	97
8) Chloroethane	1.548	64	188003	55.399	ug/L	99
9) Trichlorofluoromethane	1.712	101	403995	55.798	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	241247	56.021	ug/L	100
12) 1,1-Dichloroethene	2.069	96	224797	55.407	ug/L	99
13) Acetone	2.111	43	253930	107.478	ug/L	100
14) Carbon disulfide	2.236	76	674389	54.754	ug/L	99
15) Methyl Acetate	2.372	43	233342	58.911	ug/L	99
16) Methylene chloride	2.442	84	252387	55.135	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	237243	56.327	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	752162	56.770	ug/L	99
19) 1,1-Dichloroethane	3.105	63	466671	55.792	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	261504	56.188	ug/L	99
22) 2-Butanone	3.876	43	294156	113.082	ug/L	99
23) Bromochloromethane	4.140	128	130010	56.906	ug/L	99
25) Chloroform	4.272	83	465363	54.936	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	349159	56.190	ug/L	98
29) Cyclohexane	4.571	56	393313	55.792	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	383149	55.538	ug/L	99
31) Carbon tetrachloride	4.728	117	327493	56.257	ug/L	99
33) Benzene	5.005	78	988871	57.150	ug/L	100
34) Trichloroethene	5.828	95	255133	55.864	ug/L	99
35) Methylcyclohexane	6.043	83	422507	56.940	ug/L	99
37) 1,2-Dichloropropane	6.088	63	255254	55.026	ug/L	99
38) Bromodichloromethane	6.429	83	334368	56.238	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	417076	56.974	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	558533	118.433	ug/L	99
42) Toluene	7.310	91	1035847	57.497	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	372150	56.875	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	243315	56.346	ug/L	98
46) Tetrachloroethene	7.899	164	183509	56.001	ug/L	98
48) 2-Hexanone	8.072	43	420911	115.404	ug/L	97
49) Dibromochloromethane	8.172	129	240632	55.651	ug/L	100
50) 1,2-Dibromoethane	8.278	107	249050	56.995	ug/L	99
51) Chlorobenzene	8.809	112	665095	55.764	ug/L	99
52) Ethylbenzene	8.940	91	1167616	57.378	ug/L	100
53) m,p-Xylene	9.069	106	436513	57.895	ug/L	98
54) o-Xylene	9.474	106	421163	57.051	ug/L	98
55) Styrene	9.490	104	748087	58.401	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	364428	56.982	ug/L	100
59) Bromoform	9.661	173	160564	55.829	ug/L	99
60) Isopropylbenzene	9.860	105	1142716	57.071	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	274959	57.228	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	935812	57.125	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	945909	57.860	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	512488	55.429	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	529302	55.934	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	508991	55.988	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	67518	56.350	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	362089	56.283	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	338112	55.814	ug/L	100
71) Naphthalene	13.432	128	1045776	59.784	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	335965	56.277	ug/L	99

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

