

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037066.D
 Acq On : 27 Aug 2024 06:06
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050372

Quant Time: Aug 27 07:33:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 03:16:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	620957	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	600017	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	307554	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	260449	45.852	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.700%
7) Chloroethane-d5	1.532	69	210277	47.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.059	65	113085	47.367	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.740%
21) 2-Butanone-d5	3.793	46	199948	90.899	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.900%
24) Chloroform-d	4.243	84	458406	51.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.120%
26) 1,2-Dichloroethane-d4	4.937	65	278092	49.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
32) Benzene-d6	4.953	84	894404	49.352	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.700%
36) 1,2-Dichloropropane-d6	5.985	67	278763	49.110	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.220%
41) Toluene-d8	7.236	98	809746	49.508	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.020%
43) trans-1,3-Dichloroprop...	7.548	79	115408	43.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.900%
47) 2-Hexanone-d5	8.024	63	155830	100.589	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.590%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	342612	49.767	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.540%
66) 1,2-Dichlorobenzene-d4	11.554	152	294798	47.859	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	267250	50.930	ug/L	100
3) Chloromethane	1.217	50	273471	46.341	ug/L	98
5) Vinyl chloride	1.281	62	307306	55.471	ug/L	96
6) Bromomethane	1.487	94	149541	48.173	ug/L	99
8) Chloroethane	1.548	64	178335	52.628	ug/L	98
9) Trichlorofluoromethane	1.712	101	378475	52.351	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	222891	51.835	ug/L	99
12) 1,1-Dichloroethene	2.069	96	209603	51.739	ug/L	99
13) Acetone	2.111	43	155969	66.113	ug/L	99
14) Carbon disulfide	2.240	76	632694	51.445	ug/L	100
15) Methyl Acetate	2.371	43	209615	52.999	ug/L	100
16) Methylene chloride	2.442	84	243885	53.357	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	226087	53.758	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	702613	53.109	ug/L	100
19) 1,1-Dichloroethane	3.104	63	444452	53.215	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	269565	58.006	ug/L	99
22) 2-Butanone	3.873	43	223682	86.117	ug/L	99
23) Bromochloromethane	4.140	128	123024	53.928	ug/L	98
25) Chloroform	4.272	83	433878	51.295	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	331858	53.485	ug/L	100
29) Cyclohexane	4.574	56	363413	51.512	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	362112	52.450	ug/L	100
31) Carbon tetrachloride	4.728	117	306798	52.663	ug/L	99
33) Benzene	5.005	78	927585	53.568	ug/L	100
34) Trichloroethene	5.828	95	236560	51.759	ug/L	98
35) Methylcyclohexane	6.043	83	373901	50.352	ug/L	98
37) 1,2-Dichloropropane	6.088	63	246077	53.008	ug/L	100
38) Bromodichloromethane	6.429	83	315243	52.982	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	345770	47.198	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	495817	105.056	ug/L	100
42) Toluene	7.310	91	972910	53.963	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	312323	47.696	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	227112	52.555	ug/L	97
46) Tetrachloroethene	7.898	164	171839	52.401	ug/L	98
48) 2-Hexanone	8.072	43	349959	95.879	ug/L	96
49) Dibromochloromethane	8.172	129	226998	52.459	ug/L	99
50) 1,2-Dibromoethane	8.278	107	236491	54.081	ug/L	99
51) Chlorobenzene	8.808	112	625737	52.425	ug/L	99
52) Ethylbenzene	8.940	91	1090394	53.543	ug/L	99
53) m,p-Xylene	9.069	106	402563	53.353	ug/L	97
54) o-Xylene	9.474	106	394307	53.373	ug/L	99
55) Styrene	9.490	104	699958	54.603	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	339704	53.077	ug/L	100
59) Bromoform	9.660	173	145007	50.633	ug/L	99
60) Isopropylbenzene	9.860	105	1066911	53.510	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	250891	52.440	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	866438	53.114	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	878719	53.977	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	479685	52.101	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	494977	52.528	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	477417	52.737	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	59835	50.149	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	321131	50.128	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	307053	50.901	ug/L	100
71) Naphthalene	13.432	128	940249	53.978	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	314102	52.837	ug/L	100

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

