

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042924\
 Data File : VW035459.D
 Acq On : 29 Apr 2024 09:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050344

Quant Time: Apr 30 02:04:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 01:20:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	508743	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	489144	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	259353	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	176352	43.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.260%
7) Chloroethane-d5	1.529	69	143431	61.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.460%
11) 1,1-Dichloroethene-d2	2.053	65	71562	42.825	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.660%
21) 2-Butanone-d5	3.802	46	194716	92.924	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.920%
24) Chloroform-d	4.243	84	316883	46.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.120%
26) 1,2-Dichloroethane-d4	4.937	65	192095	47.938	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.880%
32) Benzene-d6	4.953	84	612184	47.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	5.985	67	194814	49.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.240%
41) Toluene-d8	7.239	98	551237	47.578	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.160%
43) trans-1,3-Dichloroprop...	7.551	79	74613	40.216	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.440%
47) 2-Hexanone-d5	8.030	63	138522	121.157	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.160%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	300900	53.231	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.460%
66) 1,2-Dichlorobenzene-d4	11.558	152	216666	47.750	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	157409	42.085	ug/L	99
3) Chloromethane	1.214	50	179148	47.201	ug/L	99
5) Vinyl chloride	1.281	62	184440	46.066	ug/L	100
6) Bromomethane	1.487	94	110492	47.119	ug/L	100
8) Chloroethane	1.545	64	116934	66.157	ug/L	100
9) Trichlorofluoromethane	1.703	101	242435	44.830	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	143628	42.392	ug/L	99
12) 1,1-Dichloroethene	2.063	96	136022	45.253	ug/L	97
13) Acetone	2.130	43	205875	82.681	ug/L	97
14) Carbon disulfide	2.233	76	363469	43.533	ug/L	99
15) Methyl Acetate	2.375	43	216350	57.293	ug/L	99
16) Methylene chloride	2.442	84	184191	48.452	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	148246	45.875	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	586417	53.879	ug/L	100
19) 1,1-Dichloroethane	3.105	63	325717	48.692	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	180167	49.558	ug/L	99
22) 2-Butanone	3.879	43	220198	79.937	ug/L	99
23) Bromochloromethane	4.140	128	99220	49.045	ug/L	98
25) Chloroform	4.272	83	332858	48.139	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	259168	51.040	ug/L	99
29) Cyclohexane	4.577	56	216009	48.020	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	271719	48.829	ug/L	99
31) Carbon tetrachloride	4.728	117	230149	47.338	ug/L	99
33) Benzene	5.005	78	665918	50.877	ug/L	100
34) Trichloroethene	5.828	95	169901	47.861	ug/L	99
35) Methylcyclohexane	6.047	83	226708	44.140	ug/L	99
37) 1,2-Dichloropropane	6.088	63	189687	51.911	ug/L	99
38) Bromodichloromethane	6.429	83	253614	51.399	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	230154	42.555	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	565386	129.566	ug/L	99
42) Toluene	7.310	91	695582	50.714	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	218182	42.025	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	201383	52.775	ug/L	98
46) Tetrachloroethene	7.902	164	127989	45.960	ug/L	98
48) 2-Hexanone	8.079	43	449129	121.071	ug/L	99
49) Dibromochloromethane	8.172	129	203372	52.135	ug/L	97
50) 1,2-Dibromoethane	8.278	107	208917	53.815	ug/L	99
51) Chlorobenzene	8.812	112	462191	47.788	ug/L	100
52) Ethylbenzene	8.944	91	747987	49.908	ug/L	99
53) m,p-Xylene	9.069	106	281055	49.550	ug/L	100
54) o-Xylene	9.474	106	281155	50.692	ug/L	99
55) Styrene	9.493	104	504750	52.770	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	345064	55.629	ug/L	100
59) Bromoform	9.664	173	168129	54.604	ug/L	99
60) Isopropylbenzene	9.863	105	749128	50.347	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	273593	56.359	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	611430	51.009	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	612657	52.204	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	376446	48.839	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	387241	47.897	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	397963	50.959	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	69953	63.694	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	255307	46.748	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	213559	49.259	ug/L	100
71) Naphthalene	13.435	128	618845	65.430	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	229110	54.234	ug/L	100

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

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