

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042424\
 Data File : VW035375.D
 Acq On : 24 Apr 2024 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050337

Quant Time: Apr 25 01:53:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	401808	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	404181	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	227063	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	190973	49.214	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.420%
7) Chloroethane-d5	1.529	69	157674	46.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.560%
11) 1,1-Dichloroethene-d2	2.056	65	79012	46.450	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.900%
21) 2-Butanone-d5	3.783	46	214447	93.180	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.180%
24) Chloroform-d	4.243	84	351387	53.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.720%
26) 1,2-Dichloroethane-d4	4.937	65	208533	50.343	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.680%
32) Benzene-d6	4.953	84	682309	50.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.520%
36) 1,2-Dichloropropane-d6	5.985	67	214439	49.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.480%
41) Toluene-d8	7.239	98	625696	51.174	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.340%
43) trans-1,3-Dichloroprop...	7.548	79	100687	48.040	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.080%
47) 2-Hexanone-d5	8.021	63	128975	79.125	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.130%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	311889	52.534	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.060%
66) 1,2-Dichlorobenzene-d4	11.558	152	252812	49.590	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	189932	65.219	ug/L	99
3) Chloromethane	1.214	50	185234	49.477	ug/L	98
5) Vinyl chloride	1.285	62	198599	50.600	ug/L	100
6) Bromomethane	1.487	94	117522	39.946	ug/L	97
8) Chloroethane	1.548	64	128596	47.974	ug/L	97
9) Trichlorofluoromethane	1.712	101	265158	51.473	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	165084	52.358	ug/L	97
12) 1,1-Dichloroethene	2.069	96	145576	48.275	ug/L	88
13) Acetone	2.114	43	291456	137.942	ug/L	99
14) Carbon disulfide	2.240	76	419445	49.392	ug/L	100
15) Methyl Acetate	2.371	43	173876	52.221	ug/L	96
16) Methylene chloride	2.445	84	179595	54.964	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	160480	55.044	ug/L	96
18) Methyl tert-butyl Ether	2.699	73	532742	52.023	ug/L	99
19) 1,1-Dichloroethane	3.108	63	328908	55.013	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	182620	55.161	ug/L	96
22) 2-Butanone	3.860	43	295892	120.685	ug/L	98
23) Bromochloromethane	4.143	128	98097	59.222	ug/L	90
25) Chloroform	4.272	83	332975	56.330	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	255330	54.252	ug/L	97
29) Cyclohexane	4.580	56	244471	48.292	ug/L	96
30) 1,1,1-Trichloroethane	4.506	97	280289	53.201	ug/L	98
31) Carbon tetrachloride	4.728	117	245698	55.022	ug/L	100
33) Benzene	5.005	78	685583	52.018	ug/L	100
34) Trichloroethene	5.828	95	182402	51.281	ug/L	98
35) Methylcyclohexane	6.046	83	278601	51.864	ug/L	98
37) 1,2-Dichloropropane	6.088	63	193548	53.139	ug/L	99
38) Bromodichloromethane	6.429	83	251332	53.482	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	292648	51.004	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	456252	98.112	ug/L	97
42) Toluene	7.310	91	735371	53.294	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	275000	52.169	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	188551	54.923	ug/L	99
46) Tetrachloroethene	7.902	164	145482	58.544	ug/L	97
48) 2-Hexanone	8.069	43	433044	109.489	ug/L	95
49) Dibromochloromethane	8.172	129	190402	55.999	ug/L	99
50) 1,2-Dibromoethane	8.278	107	200154	54.154	ug/L	99
51) Chlorobenzene	8.812	112	485583	54.298	ug/L	98
52) Ethylbenzene	8.943	91	807980	52.835	ug/L	98
53) m,p-Xylene	9.069	106	305731	54.288	ug/L	100
54) o-Xylene	9.474	106	297639	53.415	ug/L	99
55) Styrene	9.493	104	538642	57.202	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	309580	55.657	ug/L	98
59) Bromoform	9.660	173	143998	55.339	ug/L	98
60) Isopropylbenzene	9.863	105	815806	49.837	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	238117	48.395	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	657903	61.885	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	667333	50.771	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	407176	53.228	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	420574	54.064	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	410108	53.817	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	61176	45.130	ug/L	86
69) 1,3,5-Trichlorobenzene	12.580	180	314766	57.093	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	281503	55.586	ug/L	99
71) Naphthalene	13.435	128	717744	51.084	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	285996	57.292	ug/L	99

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

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