

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031524\
 Data File : VW034638.D
 Acq On : 15 Mar 2024 09:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050291

Quant Time: Mar 15 23:23:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:40:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	364936	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324232	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	170042	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	122978	38.873	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.740%
7) Chloroethane-d5	1.526	69	103902	42.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.320%
11) 1,1-Dichloroethene-d2	2.056	65	56404	39.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.840%
21) 2-Butanone-d5	3.783	46	189062	89.364	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.360%
24) Chloroform-d	4.246	84	238786	42.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.380%
26) 1,2-Dichloroethane-d4	4.937	65	153157	41.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.800%
32) Benzene-d6	4.957	84	445207	45.497	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	5.985	67	133779	44.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.600%
41) Toluene-d8	7.239	98	381349	43.064	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.120%
43) trans-1,3-Dichloroprop...	7.551	79	64118	42.756	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.520%
47) 2-Hexanone-d5	8.021	63	130658	87.617	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.620%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	180554	45.943	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.880%
66) 1,2-Dichlorobenzene-d4	11.558	152	147015	42.298	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	154878	40.460	ug/L	99
3) Chloromethane	1.214	50	146144	38.854	ug/L	99
5) Vinyl chloride	1.281	62	148848	40.767	ug/L	100
6) Bromomethane	1.481	94	87266	39.836	ug/L	100
8) Chloroethane	1.545	64	91666	42.239	ug/L	97
9) Trichlorofluoromethane	1.709	101	218655	39.990	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	122592	41.600	ug/L	98
12) 1,1-Dichloroethene	2.066	96	109242	39.977	ug/L	96
13) Acetone	2.111	43	235495	92.593	ug/L	99
14) Carbon disulfide	2.236	76	318789	42.035	ug/L	99
15) Methyl Acetate	2.371	43	152771	46.952	ug/L	99
16) Methylene chloride	2.445	84	127690	44.052	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	112927	42.696	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	421701	44.398	ug/L	100
19) 1,1-Dichloroethane	3.108	63	234412	45.243	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	129383	45.086	ug/L	93
22) 2-Butanone	3.860	43	240341	95.697	ug/L	100
23) Bromochloromethane	4.143	128	66289	44.672	ug/L	94
25) Chloroform	4.272	83	235694	43.889	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	191744	43.947	ug/L	99
29) Cyclohexane	4.577	56	194480	45.602	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	213046	45.822	ug/L	100
31) Carbon tetrachloride	4.731	117	185961	45.176	ug/L	98
33) Benzene	5.008	78	472037	46.903	ug/L	100
34) Trichloroethene	5.831	95	125962	44.031	ug/L	97
35) Methylcyclohexane	6.046	83	195981	45.062	ug/L	98
37) 1,2-Dichloropropane	6.088	63	123198	46.756	ug/L	100
38) Bromodichloromethane	6.429	83	170065	45.886	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	200313	46.922	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	368777	94.916	ug/L	99
42) Toluene	7.313	91	481944	45.247	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	188205	45.839	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	119582	47.037	ug/L	99
46) Tetrachloroethene	7.902	164	93904	44.137	ug/L	98
48) 2-Hexanone	8.072	43	318434	102.854	ug/L	99
49) Dibromochloromethane	8.175	129	123676	46.099	ug/L	97
50) 1,2-Dibromoethane	8.281	107	124284	46.069	ug/L	99
51) Chlorobenzene	8.812	112	306999	44.584	ug/L	100
52) Ethylbenzene	8.943	91	539607	45.213	ug/L	99
53) m,p-Xylene	9.069	106	202966	44.815	ug/L	99
54) o-Xylene	9.477	106	199882	45.071	ug/L	99
55) Styrene	9.493	104	343738	45.778	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	184735	48.379	ug/L	98
59) Bromoform	9.664	173	85398	45.298	ug/L	99
60) Isopropylbenzene	9.866	105	547963	45.564	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	150251	46.290	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	459389	45.284	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	459400	45.787	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	249064	44.792	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	250644	44.388	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	249625	44.802	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	44542	46.067	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	183518	43.995	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	166730	44.421	ug/L	99
71) Naphthalene	13.438	128	455132	45.331	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	168600	46.045	ug/L	100

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

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