

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042924\
 Data File : VW035458.D
 Acq On : 29 Apr 2024 09:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050343

Quant Time: Apr 30 02:04:11 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	493448	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	488550	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	255416	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	178263	44.952	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.900%
7) Chloroethane-d5	1.529	69	143995	63.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	126.760%
11) 1,1-Dichloroethene-d2	2.053	65	72749	44.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.780%
21) 2-Butanone-d5	3.799	46	191554	94.249	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.250%
24) Chloroform-d	4.243	84	319235	47.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.680%
26) 1,2-Dichloroethane-d4	4.937	65	192641	49.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.120%
32) Benzene-d6	4.953	84	613765	47.806	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.620%
36) 1,2-Dichloropropane-d6	5.986	67	195667	49.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.800%
41) Toluene-d8	7.240	98	552324	47.730	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.460%
43) trans-1,3-Dichloroprop...	7.551	79	74330	40.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.220%
47) 2-Hexanone-d5	8.027	63	132387	115.931	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.930%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	298160	52.811	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.620%
66) 1,2-Dichlorobenzene-d4	11.558	152	215000	48.113	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	159105	43.857	ug/L	99
3) Chloromethane	1.214	50	181334	49.258	ug/L	99
5) Vinyl chloride	1.282	62	187301	48.230	ug/L	100
6) Bromomethane	1.487	94	108114	47.534	ug/L	98
8) Chloroethane	1.545	64	124984	72.904	ug/L	99
9) Trichlorofluoromethane	1.706	101	246949	47.080	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	144056	43.837	ug/L	99
12) 1,1-Dichloroethene	2.063	96	138042	47.349	ug/L	96
13) Acetone	2.130	43	202014	83.645	ug/L	98
14) Carbon disulfide	2.233	76	366879	45.304	ug/L	100
15) Methyl Acetate	2.375	43	213415	58.268	ug/L	98
16) Methylene chloride	2.442	84	187051	50.729	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	149062	47.557	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	576034	54.565	ug/L	99
19) 1,1-Dichloroethane	3.105	63	328653	50.654	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	178772	50.699	ug/L	100
22) 2-Butanone	3.880	43	225095	84.247	ug/L	97
23) Bromochloromethane	4.143	128	99666	50.792	ug/L	98
25) Chloroform	4.272	83	333589	49.740	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	253819	51.536	ug/L	99
29) Cyclohexane	4.577	56	214113	47.656	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	273537	49.215	ug/L	99
31) Carbon tetrachloride	4.728	117	233176	48.019	ug/L	100
33) Benzene	5.005	78	671073	51.333	ug/L	100
34) Trichloroethene	5.828	95	172657	48.697	ug/L	98
35) Methylcyclohexane	6.047	83	223948	43.655	ug/L	100
37) 1,2-Dichloropropane	6.088	63	189686	51.973	ug/L	100
38) Bromodichloromethane	6.429	83	254705	51.682	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	224597	41.578	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	557408	127.893	ug/L	99
42) Toluene	7.310	91	700219	51.114	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	218229	42.085	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	199509	52.347	ug/L	99
46) Tetrachloroethene	7.902	164	126406	45.446	ug/L	98
48) 2-Hexanone	8.076	43	436275	117.749	ug/L	99
49) Dibromochloromethane	8.172	129	201086	51.612	ug/L	99
50) 1,2-Dibromoethane	8.278	107	206976	53.380	ug/L	99
51) Chlorobenzene	8.812	112	459005	47.516	ug/L	98
52) Ethylbenzene	8.944	91	740659	49.479	ug/L	99
53) m,p-Xylene	9.069	106	282232	49.818	ug/L	98
54) o-Xylene	9.474	106	282925	51.073	ug/L	99
55) Styrene	9.493	104	503649	52.719	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	341769	55.165	ug/L	99
59) Bromoform	9.661	173	162103	53.458	ug/L	99
60) Isopropylbenzene	9.863	105	742346	50.661	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	270581	56.597	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	601810	50.980	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	605977	52.431	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	372994	49.137	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	386491	48.541	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	392455	51.028	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	67553	62.457	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	252206	46.892	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	202951	47.534	ug/L	98
71) Naphthalene	13.435	128	500209	53.702	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	213531	51.325	ug/L	99

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

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