

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040124\
 Data File : VW034913.D
 Acq On : 01 Apr 2024 08:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050312

Quant Time: Apr 02 01:58:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	385433	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	373050	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	190924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	168423	45.247	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.500%
7) Chloroethane-d5	1.532	69	154013	47.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.280%
11) 1,1-Dichloroethene-d2	2.056	65	76239	46.724	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.440%
21) 2-Butanone-d5	3.793	46	194854	88.264	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.260%
24) Chloroform-d	4.246	84	288045	46.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
26) 1,2-Dichloroethane-d4	4.937	65	177093	44.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.140%
32) Benzene-d6	4.957	84	565272	45.110	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.220%
36) 1,2-Dichloropropane-d6	5.985	67	181731	45.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.340%
41) Toluene-d8	7.239	98	512338	45.399	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.551	79	67848	35.073	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.140%
47) 2-Hexanone-d5	8.024	63	124703	82.889	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.890%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	246596	45.002	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	187959	43.847	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	132229	47.334	ug/L	100
3) Chloromethane	1.217	50	160051	44.566	ug/L	100
5) Vinyl chloride	1.285	62	174362	46.312	ug/L	98
6) Bromomethane	1.490	94	111786	39.610	ug/L	99
8) Chloroethane	1.548	64	133309	51.845	ug/L	100
9) Trichlorofluoromethane	1.712	101	250266	50.646	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	150655	49.811	ug/L	99
12) 1,1-Dichloroethene	2.069	96	141566	48.939	ug/L	90
13) Acetone	2.127	43	151466	74.732	ug/L	99
14) Carbon disulfide	2.240	76	347251	42.628	ug/L	99
15) Methyl Acetate	2.375	43	162319	50.821	ug/L	98
16) Methylene chloride	2.445	84	159330	50.834	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	136440	48.786	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	500968	50.998	ug/L	99
19) 1,1-Dichloroethane	3.108	63	301239	52.525	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	161950	50.995	ug/L	95
22) 2-Butanone	3.873	43	212661	90.422	ug/L	99
23) Bromochloromethane	4.143	128	80720	50.802	ug/L	99
25) Chloroform	4.272	83	297174	52.410	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	234051	51.844	ug/L	99
29) Cyclohexane	4.580	56	226148	48.401	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	248069	51.015	ug/L	100
31) Carbon tetrachloride	4.731	117	212277	51.504	ug/L	99
33) Benzene	5.005	78	612662	50.364	ug/L	100
34) Trichloroethene	5.831	95	161224	49.109	ug/L	99
35) Methylcyclohexane	6.047	83	227988	45.984	ug/L	99
37) 1,2-Dichloropropane	6.088	63	177614	52.834	ug/L	100
38) Bromodichloromethane	6.429	83	225073	51.891	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	211752	39.985	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	453581	105.677	ug/L	99
42) Toluene	7.313	91	650084	51.045	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	200008	41.109	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	166203	52.454	ug/L	99
46) Tetrachloroethene	7.902	164	113580	49.521	ug/L	98
48) 2-Hexanone	8.072	43	357473	97.924	ug/L	98
49) Dibromochloromethane	8.172	129	167442	53.355	ug/L	99
50) 1,2-Dibromoethane	8.278	107	172951	50.699	ug/L	96
51) Chlorobenzene	8.812	112	412060	49.921	ug/L	99
52) Ethylbenzene	8.944	91	712502	50.480	ug/L	100
53) m,p-Xylene	9.069	106	261077	50.227	ug/L	99
54) o-Xylene	9.474	106	263394	51.214	ug/L	96
55) Styrene	9.493	104	459354	52.853	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	269488	52.493	ug/L	100
59) Bromoform	9.664	173	124721	57.004	ug/L	99
60) Isopropylbenzene	9.863	105	718565	52.206	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	217223	52.505	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	463855	51.891	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	575987	52.116	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	327395	50.899	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	329731	50.409	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	333371	52.027	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	59260	51.991	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	228154	49.217	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	200553	47.098	ug/L	99
71) Naphthalene	13.435	128	488365	41.338	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	204125	48.631	ug/L	99

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

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