

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040124\
 Data File : VW034918.D
 Acq On : 01 Apr 2024 15:12
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050313

Quant Time: Apr 02 02:10:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 02:07:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	312523	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	297645	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	142841	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	130134	43.116	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.240%
7) Chloroethane-d5	1.529	69	146569	55.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.820%
11) 1,1-Dichloroethene-d2	2.057	65	57363	43.357	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.720%
21) 2-Butanone-d5	3.783	46	182800	102.121	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.120%
24) Chloroform-d	4.243	84	257864	50.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.620%
26) 1,2-Dichloroethane-d4	4.934	65	164852	51.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.340%
32) Benzene-d6	4.954	84	476244	47.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
36) 1,2-Dichloropropane-d6	5.986	67	160310	50.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.980%
41) Toluene-d8	7.240	98	397788	44.179	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.360%
43) trans-1,3-Dichloroprop...	7.551	79	59098	38.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.580%
47) 2-Hexanone-d5	8.021	63	116237	96.835	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.830%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	230628	52.751	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.500%
66) 1,2-Dichlorobenzene-d4	11.558	152	144467	45.046	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	82261	36.317	ug/L	99
3) Chloromethane	1.214	50	139473	47.897	ug/L	99
5) Vinyl chloride	1.282	62	132772	43.493	ug/L	97
6) Bromomethane	1.487	94	116547	50.932	ug/L	99
8) Chloroethane	1.545	64	122085	58.556	ug/L	97
9) Trichlorofluoromethane	1.712	101	168859	42.144	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	100875	41.133	ug/L	100
12) 1,1-Dichloroethene	2.066	96	104541	44.571	ug/L	99
13) Acetone	2.118	43	145236	88.376	ug/L	99
14) Carbon disulfide	2.240	76	253352	38.357	ug/L	100
15) Methyl Acetate	2.372	43	154483	59.652	ug/L	98
16) Methylene chloride	2.446	84	148525	58.441	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	111464	49.154	ug/L	99
18) Methyl tert-butyl Ether	2.700	73	482523	60.580	ug/L	100
19) 1,1-Dichloroethane	3.108	63	257730	55.423	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	140873	54.707	ug/L	97
22) 2-Butanone	3.864	43	207502	108.812	ug/L	98
23) Bromochloromethane	4.143	128	76614	59.467	ug/L	95
25) Chloroform	4.269	83	263660	57.347	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	217096	59.307	ug/L	100
29) Cyclohexane	4.577	56	137457	36.872	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	186853	48.160	ug/L	99
31) Carbon tetrachloride	4.732	117	149276	45.394	ug/L	100
33) Benzene	5.005	78	506675	52.203	ug/L	100
34) Trichloroethene	5.828	95	123315	47.078	ug/L	99
35) Methylcyclohexane	6.047	83	141564	35.786	ug/L	99
37) 1,2-Dichloropropane	6.088	63	152031	56.681	ug/L	100
38) Bromodichloromethane	6.426	83	200372	57.899	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	175748	41.594	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	428651	125.170	ug/L	100
42) Toluene	7.310	91	495446	48.758	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	177130	45.630	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	154533	61.126	ug/L	99
46) Tetrachloroethene	7.902	164	77480	42.339	ug/L	97
48) 2-Hexanone	8.072	43	335624	115.231	ug/L	97
49) Dibromochloromethane	8.172	129	147925	59.078	ug/L	97
50) 1,2-Dibromoethane	8.278	107	157413	57.834	ug/L	98
51) Chlorobenzene	8.809	112	322540	48.975	ug/L	99
52) Ethylbenzene	8.944	91	510187	45.303	ug/L	99
53) m,p-Xylene	9.069	106	189761	45.756	ug/L	99
54) o-Xylene	9.474	106	194248	47.338	ug/L	95
55) Styrene	9.494	104	342465	49.386	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	247241	60.360	ug/L	99
59) Bromoform	9.661	173	110269	67.364	ug/L	99
60) Isopropylbenzene	9.863	105	482882	46.892	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	202278	65.350	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	318300	47.594	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	397663	48.093	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	237854	49.426	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	241444	49.337	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	252943	52.764	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	53695	62.967	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	156620	45.158	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	141288	44.349	ug/L	99
71) Naphthalene	13.435	128	395140	44.705	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	150233	47.840	ug/L	99

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

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