

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030124\
 Data File : VW034493.D
 Acq On : 01 Mar 2024 12:22
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050398

Quant Time: Mar 01 22:20:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 22:18:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	290800	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	269544	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	137791	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	104135	41.308	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.620%
7) Chloroethane-d5	1.529	69	87087	44.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.680%
11) 1,1-Dichloroethene-d2	2.056	65	46789	41.040	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.080%
21) 2-Butanone-d5	3.783	46	186831	110.823	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.820%
24) Chloroform-d	4.243	84	219685	49.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.580%
26) 1,2-Dichloroethane-d4	4.934	65	150975	51.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.660%
32) Benzene-d6	4.953	84	388812	47.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	5.982	67	124536	50.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.320%
41) Toluene-d8	7.239	98	340580	46.264	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.520%
43) trans-1,3-Dichloroprop...	7.548	79	57278	45.944	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.880%
47) 2-Hexanone-d5	8.021	63	132241	106.671	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.670%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	164305	50.291	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.580%
66) 1,2-Dichlorobenzene-d4	11.558	152	129514	45.984	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	134165	43.985	ug/L	100
3) Chloromethane	1.214	50	148132	49.422	ug/L	99
5) Vinyl chloride	1.282	62	135708	46.644	ug/L	97
6) Bromomethane	1.487	94	89304	51.159	ug/L	98
8) Chloroethane	1.548	64	82554	47.739	ug/L	100
9) Trichlorofluoromethane	1.709	101	188022	43.154	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	100972	42.999	ug/L	98
12) 1,1-Dichloroethene	2.066	96	97697	44.867	ug/L	97
13) Acetone	2.121	43	134509	66.370	ug/L	100
14) Carbon disulfide	2.240	76	281324	46.552	ug/L	100
15) Methyl Acetate	2.372	43	144445	55.711	ug/L	98
16) Methylene chloride	2.445	84	125599	54.378	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	103576	49.144	ug/L	96
18) Methyl tert-butyl Ether	2.699	73	427673	56.506	ug/L	99
19) 1,1-Dichloroethane	3.108	63	216817	52.516	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	122347	53.503	ug/L	95
22) 2-Butanone	3.867	43	185022	92.452	ug/L	98
23) Bromochloromethane	4.143	128	64423	54.482	ug/L	96
25) Chloroform	4.269	83	222291	51.946	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	191903	55.196	ug/L	97
29) Cyclohexane	4.577	56	160593	45.296	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	184282	47.677	ug/L	100
31) Carbon tetrachloride	4.732	117	158591	46.343	ug/L	99
33) Benzene	5.005	78	431612	51.587	ug/L	100
34) Trichloroethene	5.828	95	116030	48.788	ug/L	98
35) Methylcyclohexane	6.047	83	159511	44.118	ug/L	99
37) 1,2-Dichloropropane	6.088	63	117911	53.829	ug/L	100
38) Bromodichloromethane	6.426	83	162448	52.723	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	185964	52.399	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	362671	112.283	ug/L	99
42) Toluene	7.310	91	441524	49.862	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	172282	50.474	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	112146	53.062	ug/L	96
46) Tetrachloroethene	7.902	164	79756	45.093	ug/L	98
48) 2-Hexanone	8.072	43	264430	102.740	ug/L	98
49) Dibromochloromethane	8.172	129	117663	52.756	ug/L	98
50) 1,2-Dibromoethane	8.278	107	119226	53.161	ug/L	98
51) Chlorobenzene	8.812	112	276793	48.353	ug/L	99
52) Ethylbenzene	8.944	91	469679	47.338	ug/L	100
53) m,p-Xylene	9.069	106	175656	46.654	ug/L	100
54) o-Xylene	9.474	106	178224	48.341	ug/L	100
55) Styrene	9.493	104	307158	49.206	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	166819	52.551	ug/L	99
59) Bromoform	9.661	173	83547	54.688	ug/L	99
60) Isopropylbenzene	9.863	105	467430	47.965	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	141812	53.916	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	397190	48.316	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	397379	48.875	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	216662	48.085	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	221884	48.492	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	223910	49.592	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	41607	53.103	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	156129	46.189	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	144714	47.579	ug/L	96
71) Naphthalene	13.439	128	399518	49.105	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	144519	48.706	ug/L	99

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

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