

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012324\
 Data File : VW033816.D
 Acq On : 23 Jan 2024 09:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050384

Quant Time: Jan 24 01:58:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	219240	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	204073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	106911	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	77749	46.143	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.280%
7) Chloroethane-d5	1.529	69	64577	48.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.060	65	36773	50.710	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.420%
21) 2-Butanone-d5	3.780	46	88083	76.214	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.210%
24) Chloroform-d	4.246	84	144931	48.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	4.937	65	95029	48.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.640%
32) Benzene-d6	4.957	84	276338	47.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
36) 1,2-Dichloropropane-d6	5.986	67	84386	44.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.380%
41) Toluene-d8	7.243	98	254744	48.733	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.460%
43) trans-1,3-Dichloroprop...	7.551	79	41978	44.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.960%
47) 2-Hexanone-d5	8.021	63	64122	80.947	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.950%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	102323	41.970	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.940%
66) 1,2-Dichlorobenzene-d4	11.561	152	99257	48.934	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	81859	44.881	ug/L	99
3) Chloromethane	1.217	50	89226	43.021	ug/L	99
5) Vinyl chloride	1.285	62	92555	46.648	ug/L	97
6) Bromomethane	1.481	94	44975	43.372	ug/L	97
8) Chloroethane	1.545	64	59754	50.506	ug/L	100
9) Trichlorofluoromethane	1.712	101	137771	58.189	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	75884	54.400	ug/L	96
12) 1,1-Dichloroethene	2.069	96	72657	55.220	ug/L	97
13) Acetone	2.111	43	69463	62.862	ug/L	99
14) Carbon disulfide	2.243	76	213905	47.832	ug/L	99
15) Methyl Acetate	2.368	43	76155	42.146	ug/L	# 100
16) Methylene chloride	2.445	84	78015	48.603	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	71020	48.320	ug/L	94
18) Methyl tert-butyl Ether	2.699	73	255896	48.409	ug/L	99
19) 1,1-Dichloroethane	3.111	63	144871	48.213	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	80828	49.412	ug/L	96
22) 2-Butanone	3.860	43	92274	68.755	ug/L	99
23) Bromochloromethane	4.146	128	40666	51.173	ug/L	85
25) Chloroform	4.275	83	143672	50.429	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	119742	50.320	ug/L	99
29) Cyclohexane	4.584	56	131000	45.534	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	131962	53.884	ug/L	99
31) Carbon tetrachloride	4.735	117	115980	55.483	ug/L	100
33) Benzene	5.008	78	299148	49.909	ug/L	100
34) Trichloroethene	5.831	95	80420	50.017	ug/L	97
35) Methylcyclohexane	6.047	83	130860	47.558	ug/L	95
37) 1,2-Dichloropropane	6.092	63	78492	47.588	ug/L	99
38) Bromodichloromethane	6.429	83	109304	50.657	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	125958	45.730	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	200865	82.187	ug/L	96
42) Toluene	7.313	91	319743	50.463	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	119487	47.075	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	74168	49.559	ug/L	98
46) Tetrachloroethene	7.905	164	62138	52.689	ug/L	97
48) 2-Hexanone	8.072	43	146911	75.439	ug/L	98
49) Dibromochloromethane	8.175	129	78290	50.229	ug/L	99
50) 1,2-Dibromoethane	8.281	107	77031	48.706	ug/L	97
51) Chlorobenzene	8.812	112	203579	50.440	ug/L	99
52) Ethylbenzene	8.944	91	362567	49.404	ug/L	100
53) m,p-Xylene	9.072	106	135333	49.951	ug/L	99
54) o-Xylene	9.477	106	133802	49.884	ug/L	99
55) Styrene	9.493	104	230437	49.761	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	106283	44.625	ug/L	99
59) Bromoform	9.664	173	56163	49.427	ug/L	99
60) Isopropylbenzene	9.866	105	368444	50.936	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	84521	44.546	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	310037	49.955	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	308866	49.946	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	165068	50.521	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	164332	50.160	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	163491	51.210	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	23959	43.758	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	123367	51.096	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	110716	50.522	ug/L	99
71) Naphthalene	13.439	128	243707	42.558	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	104077	50.882	ug/L	99

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

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