

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW120524\
 Data File : VW038412.D
 Acq On : 05 Dec 2024 10:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050319

Quant Time: Dec 06 01:22:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 21:19:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.522	114	555393	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	552185	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	308502	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	209673	45.181	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.360%
7) Chloroethane-d5	1.526	69	175013	44.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.520%
11) 1,1-Dichloroethene-d2	2.050	65	94071	47.814	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.620%
21) 2-Butanone-d5	3.780	46	272649	123.457	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.460%
24) Chloroform-d	4.236	84	414636	49.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.220%
26) 1,2-Dichloroethane-d4	4.928	65	246681	49.488	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.980%
32) Benzene-d6	4.947	84	797977	50.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.320%
36) 1,2-Dichloropropane-d6	5.979	67	244666	49.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.920%
41) Toluene-d8	7.233	98	747075	51.919	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.840%
43) trans-1,3-Dichloroprop...	7.545	79	124490	52.031	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.060%
47) 2-Hexanone-d5	8.018	63	183685	121.586	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.590%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	367528	53.121	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.240%
66) 1,2-Dichlorobenzene-d4	11.551	152	285699	47.899	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	258856	50.749	ug/L	99
3) Chloromethane	1.211	50	253432	47.895	ug/L	98
5) Vinyl chloride	1.278	62	264071	48.927	ug/L	100
6) Bromomethane	1.481	94	169967	50.826	ug/L	100
8) Chloroethane	1.542	64	165502	48.461	ug/L	99
9) Trichlorofluoromethane	1.706	101	362389	50.909	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	210570	51.376	ug/L	99
12) 1,1-Dichloroethene	2.060	96	192597	49.342	ug/L	95
13) Acetone	2.111	43	364764	119.753	ug/L	99
14) Carbon disulfide	2.233	76	638732	49.722	ug/L	100
15) Methyl Acetate	2.368	43	228814	58.040	ug/L	98
16) Methylene chloride	2.439	84	229838	48.798	ug/L	99
17) trans-1,2-Dichloroethene	2.683	96	210763	49.518	ug/L	97
18) Methyl tert-butyl Ether	2.696	73	638309	51.924	ug/L	99
19) 1,1-Dichloroethane	3.101	63	390137	49.979	ug/L	100
20) cis-1,2-Dichloroethene	3.802	96	227363	50.793	ug/L	98
22) 2-Butanone	3.857	43	357411	123.479	ug/L	98
23) Bromochloromethane	4.133	128	124263	51.072	ug/L	94
25) Chloroform	4.262	83	409038	50.199	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	302938	50.966	ug/L	98
29) Cyclohexane	4.571	56	323443	54.521	ug/L	100
30) 1,1,1-Trichloroethane	4.500	97	359288	51.490	ug/L	99
31) Carbon tetrachloride	4.722	117	315789	51.497	ug/L	100
33) Benzene	4.998	78	871874	52.311	ug/L	100
34) Trichloroethene	5.821	95	231050	51.889	ug/L	99
35) Methylcyclohexane	6.040	83	357482	55.906	ug/L	99
37) 1,2-Dichloropropane	6.082	63	231640	53.452	ug/L	100
38) Bromodichloromethane	6.423	83	304461	50.621	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	360417	53.594	ug/L	98
40) 4-Methyl-2-pentanone	7.146	43	583718	120.348	ug/L	100
42) Toluene	7.304	91	933225	53.895	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	352444	54.251	ug/L	98
45) 1,1,2-Trichloroethane	7.757	97	234127	52.069	ug/L	99
46) Tetrachloroethene	7.895	164	174078	50.639	ug/L	98
48) 2-Hexanone	8.066	43	508917	125.756	ug/L	98
49) Dibromochloromethane	8.165	129	242203	52.225	ug/L	100
50) 1,2-Dibromoethane	8.272	107	251096	52.988	ug/L	100
51) Chlorobenzene	8.805	112	602320	50.626	ug/L	99
52) Ethylbenzene	8.937	91	1005787	54.156	ug/L	98
53) m,p-Xylene	9.062	106	394734	56.074	ug/L	100
54) o-Xylene	9.471	106	371659	54.880	ug/L	99
55) Styrene	9.487	104	682223	57.381	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	374895	53.675	ug/L	99
59) Bromoform	9.654	173	176303	53.160	ug/L	99
60) Isopropylbenzene	9.857	105	1006688	53.362	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	285590	53.176	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	802663	53.026	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	809739	54.415	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	490488	50.652	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	509359	49.480	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	487837	49.414	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	80411	56.808	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	333472	50.489	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	291143	52.322	ug/L	100
71) Naphthalene	13.432	128	873608	57.910	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	305738	56.005	ug/L	99

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

