

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012624\
 Data File : VW033872.D
 Acq On : 26 Jan 2024 09:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050388

Quant Time: Jan 29 01:54:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 25 00:55:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	211546	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	196256	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	102448	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79148	48.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.360%
7) Chloroethane-d5	1.532	69	61158	47.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.060	65	35321	50.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.960%
21) 2-Butanone-d5	3.783	46	83303	74.700	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.700%
24) Chloroform-d	4.249	84	133447	45.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.941	65	87916	46.804	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.600%
32) Benzene-d6	4.960	84	255237	45.746	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.500%
36) 1,2-Dichloropropane-d6	5.989	67	76590	41.703	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.400%
41) Toluene-d8	7.243	98	233128	46.374	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.740%
43) trans-1,3-Dichloroprop...	7.551	79	35246	38.831	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.660%
47) 2-Hexanone-d5	8.021	63	59731	78.407	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.410%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	97313	41.505	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	90709	46.668	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	75759	43.048	ug/L	99
3) Chloromethane	1.217	50	80685	40.318	ug/L	98
5) Vinyl chloride	1.285	62	87079	45.484	ug/L	83
6) Bromomethane	1.484	94	37049	37.028	ug/L	99
8) Chloroethane	1.548	64	55224	48.375	ug/L	97
9) Trichlorofluoromethane	1.712	101	134171	58.729	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	72900	54.162	ug/L	95
12) 1,1-Dichloroethene	2.069	96	68778	54.173	ug/L	99
13) Acetone	2.111	43	70056	65.704	ug/L	98
14) Carbon disulfide	2.240	76	194383	45.047	ug/L	99
15) Methyl Acetate	2.372	43	85435	49.001	ug/L	# 100
16) Methylene chloride	2.446	84	73132	47.218	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	66896	47.170	ug/L	94
18) Methyl tert-butyl Ether	2.703	73	251030	49.216	ug/L	98
19) 1,1-Dichloroethane	3.111	63	135607	46.771	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	77893	49.350	ug/L	93
22) 2-Butanone	3.867	43	91703	70.814	ug/L	97
23) Bromochloromethane	4.146	128	39207	51.132	ug/L	87
25) Chloroform	4.275	83	138169	50.262	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	113425	49.399	ug/L	99
29) Cyclohexane	4.584	56	120667	43.613	ug/L	94
30) 1,1,1-Trichloroethane	4.513	97	127056	53.947	ug/L	98
31) Carbon tetrachloride	4.735	117	112385	55.905	ug/L	99
33) Benzene	5.008	78	279494	48.487	ug/L	100
34) Trichloroethene	5.831	95	76585	49.529	ug/L	97
35) Methylcyclohexane	6.050	83	119919	45.317	ug/L	96
37) 1,2-Dichloropropane	6.092	63	74727	47.110	ug/L	99
38) Bromodichloromethane	6.432	83	104367	50.295	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	102728	38.782	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	203637	86.640	ug/L	96
42) Toluene	7.313	91	299704	49.185	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	102459	41.975	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	70774	49.175	ug/L	99
46) Tetrachloroethene	7.905	164	59084	52.095	ug/L	98
48) 2-Hexanone	8.072	43	140712	75.134	ug/L	98
49) Dibromochloromethane	8.175	129	76912	51.310	ug/L	100
50) 1,2-Dibromoethane	8.281	107	73793	48.517	ug/L	97
51) Chlorobenzene	8.812	112	192027	49.473	ug/L	100
52) Ethylbenzene	8.944	91	344025	48.745	ug/L	98
53) m,p-Xylene	9.072	106	127231	48.831	ug/L	98
54) o-Xylene	9.477	106	126776	49.147	ug/L	100
55) Styrene	9.493	104	214428	48.148	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	105150	45.907	ug/L	99
59) Bromoform	9.664	173	55335	50.820	ug/L	98
60) Isopropylbenzene	9.866	105	349479	50.419	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	86280	47.454	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	299182	50.306	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	295727	49.905	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	157902	50.433	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	156795	49.944	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	156073	51.017	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	24767	47.205	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	116856	50.507	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	107537	51.209	ug/L	99
71) Naphthalene	13.439	128	278640	50.778	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	104116	53.119	ug/L	99

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

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