

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011924\
 Data File : VW033789.D
 Acq On : 20 Jan 2024 05:56
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050381

Quant Time: Jan 20 06:20:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 23:43:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	215245	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	201216	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	104227	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	68828	41.607	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.220%
7) Chloroethane-d5	1.529	69	59291	45.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.520%
11) 1,1-Dichloroethene-d2	2.060	65	32898	46.209	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.420%
21) 2-Butanone-d5	3.786	46	91681	80.800	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.800%
24) Chloroform-d	4.249	84	136748	46.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.460%
26) 1,2-Dichloroethane-d4	4.940	65	89685	46.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
32) Benzene-d6	4.960	84	256811	44.894	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.780%
36) 1,2-Dichloropropane-d6	5.989	67	78998	41.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.900%
41) Toluene-d8	7.243	98	235141	45.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.240%
43) trans-1,3-Dichloroprop...	7.551	79	38795	41.688	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.380%
47) 2-Hexanone-d5	8.024	63	65250	83.541	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.540%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	102029	42.444	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.880%
66) 1,2-Dichlorobenzene-d4	11.561	152	93240	47.151	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	75841	42.354	ug/L	100
3) Chloromethane	1.217	50	82347	40.441	ug/L	100
5) Vinyl chloride	1.285	62	85975	44.136	ug/L	87
6) Bromomethane	1.484	94	43994	43.213	ug/L	97
8) Chloroethane	1.548	64	58088	50.009	ug/L	98
9) Trichlorofluoromethane	1.712	101	129662	55.780	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	71152	51.954	ug/L	97
12) 1,1-Dichloroethene	2.069	96	67474	52.233	ug/L	97
13) Acetone	2.114	43	68976	63.580	ug/L	98
14) Carbon disulfide	2.243	76	202972	46.229	ug/L	100
15) Methyl Acetate	2.371	43	72311	40.761	ug/L #	100
16) Methylene chloride	2.449	84	71399	45.307	ug/L	96
17) trans-1,2-Dichloroethene	2.696	96	65733	45.553	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	243424	46.904	ug/L	99
19) 1,1-Dichloroethane	3.111	63	132913	45.054	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	75619	47.085	ug/L	95
22) 2-Butanone	3.867	43	92412	70.135	ug/L	96
23) Bromochloromethane	4.150	128	37755	48.392	ug/L	86
25) Chloroform	4.275	83	135723	48.523	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	115963	49.637	ug/L	100
29) Cyclohexane	4.584	56	122288	43.109	ug/L	95
30) 1,1,1-Trichloroethane	4.513	97	124754	51.664	ug/L	99
31) Carbon tetrachloride	4.735	117	108889	52.830	ug/L	100
33) Benzene	5.011	78	279529	47.298	ug/L	100
34) Trichloroethene	5.831	95	74057	46.713	ug/L	98
35) Methylcyclohexane	6.050	83	121748	44.874	ug/L	95
37) 1,2-Dichloropropane	6.092	63	74239	45.649	ug/L	98
38) Bromodichloromethane	6.432	83	102403	48.132	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	117976	43.440	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	200599	83.244	ug/L	97
42) Toluene	7.313	91	300097	48.035	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	111650	44.612	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	70459	47.749	ug/L	97
46) Tetrachloroethene	7.905	164	57131	49.132	ug/L	98
48) 2-Hexanone	8.075	43	147663	76.902	ug/L	98
49) Dibromochloromethane	8.175	129	72633	47.261	ug/L	99
50) 1,2-Dibromoethane	8.281	107	72857	46.721	ug/L #	98
51) Chlorobenzene	8.812	112	191028	48.003	ug/L	99
52) Ethylbenzene	8.944	91	339673	46.942	ug/L	99
53) m,p-Xylene	9.072	106	126062	47.189	ug/L	99
54) o-Xylene	9.477	106	125230	47.351	ug/L	99
55) Styrene	9.497	104	211218	46.258	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	103963	44.270	ug/L	100
59) Bromoform	9.664	173	51577	46.560	ug/L	98
60) Isopropylbenzene	9.866	105	340873	48.338	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	83188	44.973	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	291591	48.192	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	289948	48.095	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	153767	48.274	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	156001	48.843	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	152257	48.920	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	23120	43.314	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	114792	48.768	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	104345	48.841	ug/L	99
71) Naphthalene	13.439	128	252715	45.268	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	100677	50.488	ug/L	99

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

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