

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011924\
 Data File : VW033787.D
 Acq On : 20 Jan 2024 05:08
 Operator : SY/MD
 Sample : P1189-09MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMN3MSD

Quant Time: Jan 20 06:02:30 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	222140	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	208812	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	109327	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	59886	35.077	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.160%
7) Chloroethane-d5	1.529	69	53174	39.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.660%
11) 1,1-Dichloroethene-d2	2.060	65	29538	40.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.400%
21) 2-Butanone-d5	3.783	46	81398	69.511	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.510%
24) Chloroform-d	4.249	84	124046	40.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.260%
26) 1,2-Dichloroethane-d4	4.941	65	81569	41.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.700%
32) Benzene-d6	4.960	84	234502	39.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	5.989	67	71947	36.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.640%
41) Toluene-d8	7.243	98	212895	39.803	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.600%#
43) trans-1,3-Dichloroprop...	7.551	79	36877	38.185	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.380%
47) 2-Hexanone-d5	8.021	63	59093	72.906	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.910%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	94787	37.997	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	86804	41.849	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	74185	40.143	ug/L	100
3) Chloromethane	1.217	50	80801	38.450	ug/L	99
5) Vinyl chloride	1.285	62	85842	42.700	ug/L #	60
6) Bromomethane	1.484	94	43691	41.584	ug/L	100
8) Chloroethane	1.548	64	58868	49.107	ug/L	96
9) Trichlorofluoromethane	1.716	101	127592	53.186	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	69204	48.964	ug/L	97
12) 1,1-Dichloroethene	2.069	96	66765	50.080	ug/L	99
13) Acetone	2.111	43	63416	56.640	ug/L	100
14) Carbon disulfide	2.243	76	202841	44.766	ug/L	100
15) Methyl Acetate	2.372	43	62821	34.313	ug/L #	100
16) Methylene chloride	2.449	84	71600	44.024	ug/L	95
17) trans-1,2-Dichloroethene	2.696	96	65810	44.191	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	242258	45.231	ug/L	99
19) 1,1-Dichloroethane	3.111	63	133902	43.980	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	76361	46.072	ug/L	93
22) 2-Butanone	3.863	43	86384	63.526	ug/L	100
23) Bromochloromethane	4.146	128	37946	47.127	ug/L	88
25) Chloroform	4.275	83	135328	46.880	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	113292	46.988	ug/L	100
29) Cyclohexane	4.580	56	122048	41.460	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	124738	49.778	ug/L	98
31) Carbon tetrachloride	4.735	117	109354	51.126	ug/L	98
33) Benzene	5.008	78	276978	45.161	ug/L	100
34) Trichloroethene	5.831	95	73444	44.642	ug/L	97
35) Methylcyclohexane	6.050	83	120262	42.714	ug/L	96
37) 1,2-Dichloropropane	6.092	63	75207	44.562	ug/L	98
38) Bromodichloromethane	6.433	83	102149	46.266	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	120899	42.897	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	199051	79.597	ug/L	98
42) Toluene	7.313	91	298106	45.981	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	111794	43.045	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	69535	45.409	ug/L	99
46) Tetrachloroethene	7.905	164	58265	48.284	ug/L	98
48) 2-Hexanone	8.072	43	142399	71.463	ug/L	98
49) Dibromochloromethane	8.175	129	73574	46.132	ug/L	99
50) 1,2-Dibromoethane	8.281	107	73447	45.386	ug/L	98
51) Chlorobenzene	8.812	112	191528	46.377	ug/L	99
52) Ethylbenzene	8.944	91	342392	45.596	ug/L	99
53) m,p-Xylene	9.072	106	126452	45.613	ug/L	98
54) o-Xylene	9.477	106	126408	46.058	ug/L	100
55) Styrene	9.493	104	214357	45.238	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	106372	43.648	ug/L	100
59) Bromoform	9.664	173	51600	44.408	ug/L	97
60) Isopropylbenzene	9.866	105	346219	46.806	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	84313	43.454	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	292733	46.124	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	293694	46.443	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	153500	45.942	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	154670	46.168	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	154436	47.305	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	22729	40.595	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	114121	46.222	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	102996	45.961	ug/L	99
71) Naphthalene	13.439	128	259926	44.388	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	99482	47.561	ug/L	99

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

