

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011924\
 Data File : VW033786.D
 Acq On : 20 Jan 2024 04:45
 Operator : SY/MD
 Sample : P1189-08MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMN3MS

Quant Time: Jan 20 06:01:52 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	248389	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	234686	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	120519	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	63222	33.118	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.240%
7) Chloroethane-d5	1.529	69	55170	36.494	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.980%
11) 1,1-Dichloroethene-d2	2.060	65	30587	37.230	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.460%
21) 2-Butanone-d5	3.783	46	84579	64.594	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.590%
24) Chloroform-d	4.249	84	129996	38.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.160%
26) 1,2-Dichloroethane-d4	4.941	65	86010	38.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.000%
32) Benzene-d6	4.960	84	244353	36.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.240%
36) 1,2-Dichloropropane-d6	5.989	67	76152	34.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	69.340%#
41) Toluene-d8	7.243	98	224887	37.410	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.820%#
43) trans-1,3-Dichloroprop...	7.551	79	37927	34.943	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.880%
47) 2-Hexanone-d5	8.021	63	60870	66.818	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.820%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	97664	34.834	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	69.660%
66) 1,2-Dichlorobenzene-d4	11.561	152	88307	38.620	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.240%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	76113	36.834	ug/L	98
3) Chloromethane	1.217	50	83587	35.573	ug/L	99
5) Vinyl chloride	1.285	62	87503	38.926	ug/L #	45
6) Bromomethane	1.481	94	41376	35.219	ug/L	96
8) Chloroethane	1.548	64	57003	42.527	ug/L	93
9) Trichlorofluoromethane	1.712	101	129429	48.250	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	70020	44.306	ug/L	96
12) 1,1-Dichloroethene	2.069	96	66430	44.563	ug/L	99
13) Acetone	2.111	43	63991	51.114	ug/L	99
14) Carbon disulfide	2.243	76	202450	39.958	ug/L	99
15) Methyl Acetate	2.372	43	63919	31.223	ug/L #	100
16) Methylene chloride	2.446	84	72850	40.059	ug/L	96
17) trans-1,2-Dichloroethene	2.696	96	67714	40.664	ug/L	93
18) Methyl tert-butyl Ether	2.703	73	245242	40.949	ug/L	99
19) 1,1-Dichloroethane	3.111	63	136390	40.064	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	77199	41.655	ug/L	94
22) 2-Butanone	3.863	43	90331	59.408	ug/L	94
23) Bromochloromethane	4.146	128	38552	42.820	ug/L	89
25) Chloroform	4.275	83	135928	42.112	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	115344	42.784	ug/L	98
29) Cyclohexane	4.584	56	123770	37.409	ug/L	95
30) 1,1,1-Trichloroethane	4.513	97	124924	44.356	ug/L	98
31) Carbon tetrachloride	4.735	117	109209	45.429	ug/L	100
33) Benzene	5.008	78	283907	41.187	ug/L	100
34) Trichloroethene	5.831	95	75728	40.955	ug/L	97
35) Methylcyclohexane	6.050	83	119572	37.787	ug/L	97
37) 1,2-Dichloropropane	6.092	63	76161	40.152	ug/L	99
38) Bromodichloromethane	6.433	83	102730	41.400	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	125125	39.502	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	198745	70.712	ug/L	97
42) Toluene	7.314	91	301653	41.398	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	113969	39.044	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	70433	40.924	ug/L	98
46) Tetrachloroethene	7.905	164	58162	42.885	ug/L	96
48) 2-Hexanone	8.072	43	142923	63.818	ug/L	98
49) Dibromochloromethane	8.175	129	73883	41.218	ug/L	99
50) 1,2-Dibromoethane	8.281	107	72979	40.125	ug/L	99
51) Chlorobenzene	8.812	112	192611	41.498	ug/L	99
52) Ethylbenzene	8.944	91	345527	40.941	ug/L	99
53) m,p-Xylene	9.072	106	126580	40.626	ug/L	98
54) o-Xylene	9.477	106	128411	41.630	ug/L	99
55) Styrene	9.493	104	216009	40.561	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	107707	39.324	ug/L	99
59) Bromoform	9.664	173	51477	40.188	ug/L	97
60) Isopropylbenzene	9.866	105	346691	42.517	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	84133	39.335	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	293739	41.985	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	293055	42.039	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	153021	41.545	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	154324	41.787	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	153625	42.687	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	22374	36.250	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	111660	41.025	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	99354	40.218	ug/L	99
71) Naphthalene	13.439	128	227460	35.236	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	94985	41.194	ug/L	100

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

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