

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011924\
 Data File : VW033764.D
 Acq On : 19 Jan 2024 19:12
 Operator : SY/MD
 Sample : P1190-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMP6MS

Quant Time: Jan 19 22:26:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 22:20:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	232171	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	220567	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	114617	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	71220	39.914	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.820%
7) Chloroethane-d5	1.529	69	58978	41.738	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.480%
11) 1,1-Dichloroethene-d2	2.060	65	33101	43.104	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.200%
21) 2-Butanone-d5	3.783	46	89384	73.032	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.030%
24) Chloroform-d	4.249	84	140595	44.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.140%
26) 1,2-Dichloroethane-d4	4.940	65	92016	44.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.260%
32) Benzene-d6	4.960	84	265663	42.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.740%
36) 1,2-Dichloropropane-d6	5.989	67	83149	40.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.560%
41) Toluene-d8	7.243	98	244386	43.255	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.520%
43) trans-1,3-Dichloroprop...	7.551	79	41902	41.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.160%
47) 2-Hexanone-d5	8.024	63	66099	77.203	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.200%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	105685	40.107	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.220%
66) 1,2-Dichlorobenzene-d4	11.561	152	97981	45.057	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	80469	41.662	ug/L	100
3) Chloromethane	1.217	50	87934	40.037	ug/L	98
5) Vinyl chloride	1.285	62	93143	44.330	ug/L #	62
6) Bromomethane	1.481	94	44450	40.478	ug/L	95
8) Chloroethane	1.545	64	61486	49.075	ug/L	97
9) Trichlorofluoromethane	1.712	101	135503	54.043	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	74407	50.370	ug/L	96
12) 1,1-Dichloroethene	2.069	96	69985	50.227	ug/L	99
13) Acetone	2.111	43	68849	58.836	ug/L	99
14) Carbon disulfide	2.243	76	216819	45.783	ug/L	99
15) Methyl Acetate	2.371	43	76374	39.913	ug/L #	100
16) Methylene chloride	2.449	84	76572	45.047	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	71973	46.241	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	263495	47.070	ug/L	98
19) 1,1-Dichloroethane	3.111	63	145076	45.592	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	114156	65.899	ug/L	94
22) 2-Butanone	3.863	43	95487	67.186	ug/L	98
23) Bromochloromethane	4.146	128	40617	48.265	ug/L	89
25) Chloroform	4.275	83	145998	48.392	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	121518	48.222	ug/L	99
29) Cyclohexane	4.584	56	133163	42.825	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	132620	50.103	ug/L	99
31) Carbon tetrachloride	4.735	117	116348	51.497	ug/L	99
33) Benzene	5.011	78	302439	46.684	ug/L	100
34) Trichloroethene	5.831	95	94696	54.492	ug/L	99
35) Methylcyclohexane	6.050	83	130694	43.945	ug/L	97
37) 1,2-Dichloropropane	6.092	63	81283	45.595	ug/L #	98
38) Bromodichloromethane	6.432	83	112637	48.298	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	133659	44.897	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	214409	81.169	ug/L	97
42) Toluene	7.313	91	322527	47.096	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	124720	45.463	ug/L	96
45) 1,1,2-Trichloroethane	7.767	97	76096	47.045	ug/L	99
46) Tetrachloroethene	7.905	164	74658	58.572	ug/L	97
48) 2-Hexanone	8.072	43	154109	73.218	ug/L	98
49) Dibromochloromethane	8.175	129	81529	48.395	ug/L	100
50) 1,2-Dibromoethane	8.281	107	78446	45.892	ug/L #	99
51) Chlorobenzene	8.815	112	207594	47.589	ug/L	98
52) Ethylbenzene	8.944	91	367259	46.301	ug/L	99
53) m,p-Xylene	9.072	106	134893	46.065	ug/L	98
54) o-Xylene	9.477	106	136081	46.940	ug/L	99
55) Styrene	9.493	104	230386	46.030	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	115014	44.679	ug/L	100
59) Bromoform	9.664	173	57904	47.533	ug/L	98
60) Isopropylbenzene	9.866	105	371111	47.855	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	90972	44.722	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	313443	47.108	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	315022	47.517	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	166512	47.536	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	167984	47.827	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	167721	49.003	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	25116	42.788	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	122617	47.371	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	109069	46.424	ug/L	98
71) Naphthalene	13.439	128	253695	41.324	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	104761	47.773	ug/L	99

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

