

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013024\
 Data File : VW033908.D
 Acq On : 30 Jan 2024 11:42
 Operator : SY/MD
 Sample : 04696-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-08

Quant Time: Jan 30 12:05:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 03:43:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	98943	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	90858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	45896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33021	4.309	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.536	69	32501	4.842	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.060	65	16230	4.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.828	46	57542	44.712	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.420%
24) Chloroform-d	4.252	84	67357	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.947	65	33527	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	4.960	84	134933	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	5.989	67	39494	5.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.243	98	119918	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.561	79	13255	4.607	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.030	63	51751	50.384	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.760%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	24105	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	43105	5.164	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	1748	0.193	ug/L	99
3) Chloromethane	1.217	50	2156	0.218	ug/L	95
5) Vinyl chloride	1.285	62	2003	0.212	ug/L #	1
6) Bromomethane	1.491	94	972	0.195	ug/L	91
9) Trichlorofluoromethane	1.716	101	2844	0.209	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1778	0.250	ug/L #	85
12) 1,1-Dichloroethene	2.069	96	1764	0.255	ug/L #	1
14) Carbon disulfide	2.240	76	4451	0.199	ug/L #	94
16) Methylene chloride	2.449	84	1646	0.248	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	2922	0.206	ug/L #	91
18) trans-1,2-Dichloroethene	2.699	96	1346	0.191	ug/L	93
19) 1,1-Dichloroethane	3.121	63	2638	0.204	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	1527	0.191	ug/L	91
23) Bromochloromethane	4.159	128	423	0.152	ug/L #	52
27) 1,2-Dichloroethane	5.063	62	1400	0.187	ug/L #	76
29) 1,1,1-Trichloroethane	4.513	97	2412	0.198	ug/L #	83
30) Cyclohexane	4.580	56	2302	0.194	ug/L #	86
31) Carbon tetrachloride	4.741	117	1965	0.184	ug/L	93
33) Benzene	5.021	78	6649	0.244	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	5.850	95	1525	0.193	ug/L	96
35) Methylcyclohexane	6.047	83	2837	0.229	ug/L #	87
37) 1,2-Dichloropropane	6.104	63	1251	0.190	ug/L #	87
38) Bromodichloromethane	6.445	83	1723	0.199	ug/L #	76
39) cis-1,3-Dichloropropene	6.969	75	2125	0.212	ug/L	97
40) 4-Methyl-2-pentanone	7.175	43	5095	1.612	ug/L #	87
42) Toluene	7.326	91	6343	0.218	ug/L	81
44) trans-1,3-Dichloropropene	7.606	75	1820	0.236	ug/L	94
45) 1,1,2-Trichloroethane	7.780	97	666	0.163	ug/L	91
47) Tetrachloroethene	7.912	164	1233	0.192	ug/L	92
48) 2-Hexanone	8.088	43	11150	5.004	ug/L #	95
49) Dibromochloromethane	8.178	129	936	0.193	ug/L	89
50) 1,2-Dibromoethane	8.297	107	696	0.190	ug/L #	79
51) Chlorobenzene	8.818	112	3725	0.202	ug/L #	83
52) Ethylbenzene	8.956	91	6447	0.192	ug/L	98
53) m,p-Xylene	9.085	106	2413	0.190	ug/L	99
54) o-Xylene	9.484	106	2572	0.211	ug/L	81
55) Styrene	9.509	104	3854	0.197	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.182	83	884	0.205	ug/L #	80
60) Isopropylbenzene	9.870	105	6505	0.192	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	502	0.159	ug/L #	80
62) 1,3,5-Trimethylbenzene	10.481	105	5523	0.192	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	5462	0.196	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	3053	0.206	ug/L	94
65) 1,4-Dichlorobenzene	11.214	146	2989	0.204	ug/L	92
67) 1,2-Dichlorobenzene	11.583	146	2510	0.197	ug/L #	93
68) 1,2-Dibromo-3-chloropr...	12.587	75	427	0.646	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.590	180	2202	0.192	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	1821	0.204	ug/L	93
71) Naphthalene	13.455	128	2242	0.191	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	1513	0.211	ug/L	96

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

