

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013024\
 Data File : VW033907.D
 Acq On : 30 Jan 2024 11:18
 Operator : SY/MD
 Sample : 04696-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-07

Quant Time: Jan 30 11:46:25 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	93429	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	85973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	42769	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31833	4.399	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.532	69	29551	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.060	65	15377	4.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.831	46	55171	45.399	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.800%
24) Chloroform-d	4.249	84	63243	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	4.944	65	31057	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	4.960	84	124702	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	5.989	67	37520	5.204	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.243	98	115328	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.561	79	12466	4.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.030	63	44343	45.625	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.240%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	21338	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	40029	5.146	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	1377	0.161	ug/L	92
3) Chloromethane	1.217	50	1847	0.198	ug/L	99
5) Vinyl chloride	1.285	62	1738	0.195	ug/L #	1
6) Bromomethane	1.487	94	755	0.161	ug/L	80
8) Chloroethane	1.552	64	1048m	0.172	ug/L	
9) Trichlorofluoromethane	1.716	101	2113	0.164	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1599	0.238	ug/L #	78
12) 1,1-Dichloroethene	2.069	96	1504	0.230	ug/L #	1
14) Carbon disulfide	2.240	76	3730	0.177	ug/L	100
16) Methylene chloride	2.449	84	1390	0.222	ug/L	92
17) Methyl tert-butyl Ether	2.712	73	2207	0.165	ug/L #	86
18) trans-1,2-Dichloroethene	2.703	96	1155	0.174	ug/L	92
19) 1,1-Dichloroethane	3.117	63	2004	0.164	ug/L	92
21) 2-Butanone	4.031	43	3028m	2.485	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	1119m	0.148	ug/L	
27) 1,2-Dichloroethane	5.063	62	1282	0.181	ug/L #	76
29) 1,1,1-Trichloroethane	4.513	97	2055	0.178	ug/L	94
30) Cyclohexane	4.584	56	1886	0.168	ug/L #	84
31) Carbon tetrachloride	4.741	117	1635	0.162	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.011	78	4789	0.186	ug/L	100
34) Trichloroethene	5.844	95	1224	0.164	ug/L	90
35) Methylcyclohexane	6.043	83	2311	0.197	ug/L	90
37) 1,2-Dichloropropane	6.101	63	1276	0.204	ug/L #	87
38) Bromodichloromethane	6.442	83	1332	0.162	ug/L #	84
39) cis-1,3-Dichloropropene	6.973	75	1582	0.166	ug/L	90
40) 4-Methyl-2-pentanone	7.178	43	3737	1.249	ug/L #	87
42) Toluene	7.326	91	5051	0.183	ug/L	92
44) trans-1,3-Dichloropropene	7.574	75	591	0.081	ug/L	92
45) 1,1,2-Trichloroethane	7.786	97	663	0.172	ug/L #	81
47) Tetrachloroethene	7.911	164	949	0.157	ug/L	92
48) 2-Hexanone	8.088	43	10032	4.758	ug/L #	96
49) Dibromochloromethane	8.185	129	629	0.137	ug/L	91
50) 1,2-Dibromoethane	8.291	107	499	0.144	ug/L #	67
51) Chlorobenzene	8.818	112	2959	0.170	ug/L	91
52) Ethylbenzene	8.956	91	5279	0.166	ug/L	98
53) m,p-Xylene	9.085	106	1801	0.150	ug/L	85
54) o-Xylene	9.487	106	1924	0.166	ug/L	100
55) Styrene	9.513	104	2798	0.151	ug/L	81
57) 1,1,2,2-Tetrachloroethane	10.181	83	818	0.201	ug/L #	80
60) Isopropylbenzene	9.873	105	5490	0.173	ug/L	96
61) 1,2,3-Trichloropropane	10.214	75	424	0.144	ug/L #	81
62) 1,3,5-Trimethylbenzene	10.480	105	4610	0.172	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	4419	0.170	ug/L	93
64) 1,3-Dichlorobenzene	11.124	146	2437	0.177	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	2533	0.185	ug/L #	86
67) 1,2-Dichlorobenzene	11.580	146	2085	0.176	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.586	75	283	0.459	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.590	180	1823	0.171	ug/L	96
70) 1,2,4-trichlorobenzene	13.207	180	1446	0.173	ug/L	96
71) Naphthalene	13.458	128	2240	0.205	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.686	180	1030	0.154	ug/L #	93

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

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