

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100423\
 Data File : VW032219.D
 Acq On : 04 Oct 2023 10:38
 Operator : SY/MD
 Sample : 04696-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Oct 05 01:50:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	105027	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	103232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	47485	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39154	4.584	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.532	69	33793	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.060	65	16514	4.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.809	46	66026	30.557	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.120%
24) Chloroform-d	4.252	84	68980	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.947	65	32984	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.963	84	141606	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	5.992	67	47216	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.246	98	125300	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.561	79	16125	4.521	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.030	63	70874	42.238	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.480%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32313	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	44811	5.085	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	2467	0.211	ug/L	97
3) Chloromethane	1.217	50	2602	0.221	ug/L	98
5) Vinyl chloride	1.281	62	2626	0.233	ug/L #	75
6) Bromomethane	1.487	94	1403	0.206	ug/L	92
8) Chloroethane	1.552	64	1501	0.222	ug/L	100
9) Trichlorofluoromethane	1.716	101	2726	0.202	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2043	0.250	ug/L	95
12) 1,1-Dichloroethene	2.072	96	1867	0.242	ug/L #	1
13) Acetone	2.127	43	2670m	1.603	ug/L	
14) Carbon disulfide	2.243	76	5636	0.209	ug/L #	93
15) Methyl Acetate	2.391	43	1073m	0.286	ug/L	
16) Methylene chloride	2.449	84	5396	0.537	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	3984	0.190	ug/L #	93
18) trans-1,2-Dichloroethene	2.703	96	1796	0.204	ug/L	98
19) 1,1-Dichloroethane	3.114	63	3490	0.210	ug/L #	86
22) cis-1,2-Dichloroethene	3.825	96	1928	0.203	ug/L	97
23) Bromochloromethane	4.159	128	786m	0.197	ug/L	
27) 1,2-Dichloroethane	5.066	62	1985	0.206	ug/L #	80
29) 1,1,1-Trichloroethane	4.523	97	2817	0.201	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.587	56	2830	0.183	ug/L	96
31) Carbon tetrachloride	4.735	117	2281	0.192	ug/L	97
33) Benzene	5.018	78	7256	0.200	ug/L	100
34) Trichloroethene	5.850	95	1831	0.185	ug/L	94
35) Methylcyclohexane	6.053	83	3498	0.228	ug/L #	83
37) 1,2-Dichloropropane	6.104	63	2411m	0.248	ug/L	
38) Bromodichloromethane	6.448	83	1975	0.171	ug/L #	90
39) cis-1,3-Dichloropropene	6.969	75	2845m	0.206	ug/L	
40) 4-Methyl-2-pentanone	7.175	43	8797	1.430	ug/L #	86
42) Toluene	7.326	91	7210	0.186	ug/L	99
44) trans-1,3-Dichloropropene	7.596	75	2252m	0.198	ug/L	
45) 1,1,2-Trichloroethane	7.786	97	1249	0.182	ug/L	94
47) Tetrachloroethene	7.911	164	1454	0.193	ug/L	90
48) 2-Hexanone	8.088	43	14750m	3.399	ug/L	
49) Dibromochloromethane	8.185	129	1309	0.183	ug/L	91
50) 1,2-Dibromoethane	8.294	107	1138	0.175	ug/L #	90
51) Chlorobenzene	8.821	112	4970	0.199	ug/L	98
52) Ethylbenzene	8.953	91	7222	0.167	ug/L	99
53) m,p-Xylene	9.082	106	2892	0.181	ug/L	99
54) o-Xylene	9.487	106	2702	0.175	ug/L	84
55) Styrene	9.509	104	4071	0.156	ug/L	89
57) 1,1,2,2-Tetrachloroethane	10.181	83	1606	0.213	ug/L #	90
59) Bromoform	9.670	173	589	0.171	ug/L #	94
60) Isopropylbenzene	9.873	105	7058	0.191	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	1079	0.213	ug/L #	90
62) 1,3,5-Trimethylbenzene	10.484	105	5693	0.189	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	5196	0.174	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	3641	0.207	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	3768	0.213	ug/L	89
67) 1,2-Dichlorobenzene	11.583	146	3562	0.222	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	2623	0.203	ug/L	95
70) 1,2,4-trichlorobenzene	13.207	180	2396	0.209	ug/L	87
71) Naphthalene	13.451	128	3959	0.204	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	1866	0.189	ug/L	99

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

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