

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040623\
 Data File : VW030409.D
 Acq On : 06 Apr 2023 11:36
 Operator : SY/MD
 Sample : 02215-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-03

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

Quant Time: Apr 07 04:49:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	123102	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	119181	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59255	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39150	4.802	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.535	69	39518	4.995	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.063	63	72146	3.729	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.834	46	99449m	47.192	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.380%
24) Chloroform-d	4.259	84	97281	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	4.953	65	49510	5.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.969	84	173838	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	5.998	67	55897	5.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.252	98	152526	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	7.564	79	18446	4.660	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.037	63	75355	47.371	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.740%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	39343	4.748	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	58276	5.503	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	3200	0.204	ug/L #	87
3) Chloromethane	1.217	50	7238	0.367	ug/L	99
5) Vinyl chloride	1.285	62	3391	0.236	ug/L #	79
6) Bromomethane	1.490	94	1545	0.376	ug/L	86
8) Chloroethane	1.555	64	2222	0.269	ug/L	97
9) Trichlorofluoromethane	1.715	101	5023	0.239	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	3228	0.279	ug/L	86
12) 1,1-Dichloroethene	2.069	96	2865	0.279	ug/L #	1
13) Acetone	2.166	43	6276m	3.114	ug/L	
14) Carbon disulfide	2.243	76	7306	0.216	ug/L #	94
15) Methyl Acetate	2.400	43	756m	0.210	ug/L	
16) Methylene chloride	2.452	84	15116	1.242	ug/L	98
17) Methyl tert-butyl Ether	2.722	73	4516	0.207	ug/L #	81
18) trans-1,2-Dichloroethene	2.703	96	2197	0.203	ug/L	99
19) 1,1-Dichloroethane	3.124	63	4693	0.223	ug/L	95
22) cis-1,2-Dichloroethene	3.834	96	2763	0.254	ug/L #	61
23) Bromochloromethane	4.159	128	1185	0.233	ug/L #	92
27) 1,2-Dichloroethane	5.056	62	3046	0.237	ug/L #	88
29) 1,1,1-Trichloroethane	4.519	97	4417	0.231	ug/L #	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.593	56	3729	0.214	ug/L	97
31) Carbon tetrachloride	4.747	117	3848	0.221	ug/L	99
33) Benzene	5.027	78	9337	0.221	ug/L	100
34) Trichloroethene	5.844	95	2404	0.211	ug/L	89
35) Methylcyclohexane	6.063	83	4203	0.235	ug/L	90
37) 1,2-Dichloropropane	6.111	63	2090	0.192	ug/L	99
38) Bromodichloromethane	6.448	83	3285	0.231	ug/L #	82
39) cis-1,3-Dichloropropene	6.969	75	3258	0.213	ug/L	95
40) 4-Methyl-2-pentanone	7.178	43	9217	1.610	ug/L #	88
42) Toluene	7.329	91	9631	0.214	ug/L	95
44) trans-1,3-Dichloropropene	7.596	75	2612m	0.201	ug/L	
45) 1,1,2-Trichloroethane	7.786	97	1686	0.220	ug/L	95
47) Tetrachloroethene	7.915	164	2055	0.204	ug/L	84
48) 2-Hexanone	8.095	43	12100	2.821	ug/L #	95
49) Dibromochloromethane	8.188	129	2119	0.233	ug/L	90
50) 1,2-Dibromoethane	8.291	107	1715	0.246	ug/L #	70
51) Chlorobenzene	8.825	112	6485	0.225	ug/L	91
52) Ethylbenzene	8.956	91	9046	0.183	ug/L	99
53) m,p-Xylene	9.085	106	3862	0.205	ug/L	78
54) o-Xylene	9.490	106	3140	0.174	ug/L	71
55) Styrene	9.509	104	5652	0.184	ug/L	89
57) 1,1,2,2-Tetrachloroethane	10.191	83	2164	0.238	ug/L #	91
59) Bromoform	9.677	173	1125	0.235	ug/L #	91
60) Isopropylbenzene	9.876	105	9396	0.215	ug/L	95
61) 1,2,3-Trichloropropane	10.220	75	1245	0.235	ug/L #	83
62) 1,3,5-Trimethylbenzene	10.484	105	7700	0.216	ug/L	96
63) 1,2,4-Trimethylbenzene	10.860	105	7796	0.215	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	4900	0.225	ug/L	96
65) 1,4-Dichlorobenzene	11.223	146	4972	0.226	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	4924	0.251	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.384	75	482	0.366	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.593	180	4240	0.253	ug/L	88
70) 1,2,4-trichlorobenzene	13.210	180	2998	0.231	ug/L	95
71) Naphthalene	13.451	128	4291	0.232	ug/L #	85
72) 1,2,3-Trichlorobenzene	13.689	180	2485	0.221	ug/L	98

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

