

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071723\
 Data File : VW031709.D
 Acq On : 17 Jul 2023 10:53
 Operator : SY/MD
 Sample : 03573-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2023-06

Quant Time: Jul 18 06:30:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 18 06:24:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	168188	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	177902	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	72353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67542	4.535	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.532	69	67204	4.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.060	65	35530	4.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	3.828	46	177593m	46.671	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.340%
24) Chloroform-d	4.256	84	138554	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.950	65	72200	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	4.966	84	226223	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	5.995	67	83109	4.415	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.249	98	174736	3.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	7.561	79	26139	4.397	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.034	63	106802	38.681	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.360%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	64483	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	64000	5.079	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	5189	0.284	ug/L	98
3) Chloromethane	1.217	50	6857	0.362	ug/L	91
5) Vinyl chloride	1.281	62	4806m	0.266	ug/L	
6) Bromomethane	1.487	94	3407	0.308	ug/L	99
8) Chloroethane	1.548	64	3080	0.294	ug/L	91
9) Trichlorofluoromethane	1.712	101	8132	0.312	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	5448	0.380	ug/L	90
12) 1,1-Dichloroethene	2.069	96	4946	0.377	ug/L #	1
13) Acetone	2.166	43	7977m	3.295	ug/L	
14) Carbon disulfide	2.246	76	7238m	0.178	ug/L	
15) Methyl Acetate	2.397	43	1133	0.219	ug/L #	87
16) Methylene chloride	2.452	84	5041	0.289	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	5503	0.228	ug/L #	69
18) trans-1,2-Dichloroethene	2.699	96	3279	0.289	ug/L	96
19) 1,1-Dichloroethane	3.117	63	7215	0.291	ug/L #	76
21) 2-Butanone	3.931	43	9258m	2.938	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	3378	0.301	ug/L #	86
23) Bromochloromethane	4.156	128	1408	0.249	ug/L	73
27) 1,2-Dichloroethane	5.069	62	4805	0.313	ug/L #	76

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.519	97	6645	0.309	ug/L #	67
30) Cyclohexane	4.593	56	3450m	0.221	ug/L	
31) Carbon tetrachloride	4.741	117	5316	0.280	ug/L	94
33) Benzene	5.021	78	12292	0.272	ug/L	100
34) Trichloroethene	5.841	95	2996	0.234	ug/L	87
35) Methylcyclohexane	6.050	83	2014	0.127	ug/L #	12
37) 1,2-Dichloropropane	6.108	63	4644	0.358	ug/L #	96
38) Bromodichloromethane	6.445	83	4966	0.288	ug/L #	95
39) cis-1,3-Dichloropropene	6.976	75	3649	0.226	ug/L	95
40) 4-Methyl-2-pentanone	7.175	43	13874	2.001	ug/L #	88
42) Toluene	7.326	91	8793	0.201	ug/L	94
44) trans-1,3-Dichloropropene	7.599	75	3413m	0.242	ug/L	
45) 1,1,2-Trichloroethane	7.783	97	2813	0.292	ug/L #	67
47) Tetrachloroethene	7.915	164	2894	0.327	ug/L #	77
48) 2-Hexanone	8.091	43	23875m	4.699	ug/L	
49) Dibromochloromethane	8.185	129	2212	0.214	ug/L	95
50) 1,2-Dibromoethane	8.297	107	2483	0.276	ug/L #	77
51) Chlorobenzene	8.825	112	8460	0.294	ug/L #	83
52) Ethylbenzene	8.956	91	10034	0.232	ug/L	99
53) m,p-Xylene	9.082	106	3304	0.207	ug/L	72
54) o-Xylene	9.487	106	3416	0.230	ug/L	93
55) Styrene	9.509	104	5066	0.181	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	3443	0.338	ug/L #	70
59) Bromoform	9.677	173	1149	0.238	ug/L #	59
60) Isopropylbenzene	9.876	105	8579m	0.268	ug/L	
61) 1,2,3-Trichloropropane	10.223	75	2313	0.360	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.484	105	6207	0.240	ug/L	91
63) 1,2,4-Trimethylbenzene	10.857	105	6567	0.254	ug/L #	79
64) 1,3-Dichlorobenzene	11.127	146	4821	0.279	ug/L	94
65) 1,4-Dichlorobenzene	11.217	146	5626	0.308	ug/L	92
67) 1,2-Dichlorobenzene	11.583	146	5492	0.332	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.381	75	396	0.300	ug/L #	22
69) 1,3,5-Trichlorobenzene	12.590	180	4077	0.323	ug/L #	95
70) 1,2,4-trichlorobenzene	13.204	180	3096	0.309	ug/L	90
71) Naphthalene	13.451	128	4621	0.286	ug/L #	87
72) 1,2,3-Trichlorobenzene	13.689	180	2844	0.308	ug/L #	96

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

Manual Integrations

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