

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071323\
 Data File : VV031698.D
 Acq On : 13 Jul 2023 16:30
 Operator : SY/MD
 Sample : VV0713WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK348

Quant Time: Jul 14 06:07:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 14 06:00:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	193934	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	205875	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	88371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	77095	4.489	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.532	69	70511	4.529	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.059	65	40127	4.553	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.805	46	202808	46.222	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.440%
24) Chloroform-d	4.259	84	172782	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	4.950	65	91184	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.969	84	284298	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	5.998	67	106890	4.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.252	98	226420	4.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.561	79	34085	4.954	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.034	63	138468	43.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.680%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	77570	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	83682	5.437	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	4856	0.231	ug/L	94
3) Chloromethane	1.230	50	5622	0.258	ug/L	99
5) Vinyl chloride	1.281	62	4779	0.229	ug/L #	52
6) Bromomethane	1.487	94	3843	0.301	ug/L	90
8) Chloroethane	1.551	64	3423	0.283	ug/L	97
9) Trichlorofluoromethane	1.712	101	8070	0.268	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	5367	0.324	ug/L #	87
12) 1,1-Dichloroethene	2.069	96	4864	0.321	ug/L #	1
13) Acetone	2.127	43	9551	3.421	ug/L	99
14) Carbon disulfide	2.243	76	8452	0.180	ug/L	96
15) Methyl Acetate	2.400	43	1895	0.317	ug/L #	60
16) Methylene chloride	2.449	84	6989	0.348	ug/L	90
17) Methyl tert-butyl Ether	2.715	73	7021	0.253	ug/L #	89
18) trans-1,2-Dichloroethene	2.706	96	3321	0.254	ug/L	89
19) 1,1-Dichloroethane	3.117	63	7341	0.257	ug/L	99
22) cis-1,2-Dichloroethene	3.821	96	3467	0.268	ug/L	91
23) Bromochloromethane	4.165	128	792	0.122	ug/L #	36
27) 1,2-Dichloroethane	5.069	62	3545	0.200	ug/L #	92
29) 1,1,1-Trichloroethane	4.526	97	6393	0.257	ug/L #	79

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.593	56	3965	0.219	ug/L #	91
33) Benzene	5.024	78	14383	0.275	ug/L	100
34) Trichloroethene	5.847	95	4482	0.302	ug/L #	66
35) Methylcyclohexane	6.050	83	3444	0.187	ug/L #	83
37) 1,2-Dichloropropane	6.104	63	3134	0.209	ug/L #	94
38) Bromodichloromethane	6.445	83	4791	0.240	ug/L	98
39) cis-1,3-Dichloropropene	6.969	75	4255	0.228	ug/L	90
40) 4-Methyl-2-pentanone	7.175	43	16612	2.070	ug/L #	89
42) Toluene	7.333	91	13300	0.263	ug/L	96
44) trans-1,3-Dichloropropene	7.599	75	3119	0.191	ug/L #	80
45) 1,1,2-Trichloroethane	7.792	97	2340	0.210	ug/L #	75
47) Tetrachloroethene	7.921	164	2833	0.277	ug/L	84
48) 2-Hexanone	8.095	43	24260	4.126	ug/L #	98
49) Dibromochloromethane	8.188	129	1959	0.164	ug/L	97
50) 1,2-Dibromoethane	8.294	107	2438	0.234	ug/L #	95
51) Chlorobenzene	8.824	112	9259	0.278	ug/L	91
53) m,p-Xylene	9.085	106	4596	0.248	ug/L	81
54) o-Xylene	9.490	106	3032	0.177	ug/L	73
55) Styrene	9.513	104	6808	0.210	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.185	83	3473	0.294	ug/L	91
59) Bromoform	9.670	173	1565	0.265	ug/L #	58
60) Isopropylbenzene	9.876	105	9387	0.240	ug/L #	90
61) 1,2,3-Trichloropropane	10.217	75	2510	0.320	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.484	105	7976	0.253	ug/L	100
63) 1,2,4-Trimethylbenzene	10.863	105	7735	0.245	ug/L	99
64) 1,3-Dichlorobenzene	11.130	146	5841	0.277	ug/L	89
65) 1,4-Dichlorobenzene	11.220	146	6734	0.302	ug/L	97
67) 1,2-Dichlorobenzene	11.586	146	6801	0.336	ug/L	98
69) 1,3,5-Trichlorobenzene	12.593	180	4895	0.317	ug/L #	96
70) 1,2,4-trichlorobenzene	13.210	180	4099	0.335	ug/L	96
71) Naphthalene	13.451	128	7757	0.393	ug/L #	97
72) 1,2,3-Trichlorobenzene	13.689	180	3313	0.293	ug/L #	90

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

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