

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100923\
 Data File : VW032359.D
 Acq On : 10 Oct 2023 03:54
 Operator : SY/MD
 Sample : 04774-08MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX869MS

Quant Time: Oct 10 06:03:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 10 05:42:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	89826	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	88101	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	41660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39702	5.435	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 108.600%		
7) Chloroethane-d5	1.532	69	31392	5.294	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.800%		
11) 1,1-Dichloroethene-d2	2.060	65	14694	4.769	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 95.400%		
20) 2-Butanone-d5	3.796	46	99870	54.041	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 108.080%		
24) Chloroform-d	4.252	84	63230	4.906	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.200%		
26) 1,2-Dichloroethane-d4	4.950	65	32229	5.280	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.600%		
32) Benzene-d6	4.966	84	118714	4.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 91.600%		
36) 1,2-Dichloropropane-d6	5.992	67	37993	4.423	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 88.400%		
41) Toluene-d8	7.246	98	109771	4.631	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 92.600%		
43) trans-1,3-Dichloroprop...	7.558	79	14479	4.757	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 95.200%		
46) 2-Hexanone-d5	8.027	63	88751	61.976	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 123.960%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33777	5.622	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.400%		
66) 1,2-Dichlorobenzene-d4	11.564	152	33883	4.383	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 87.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	58113	5.806	ug/L	99
3) Chloromethane	1.217	50	58783	5.825	ug/L	99
5) Vinyl chloride	1.285	62	56145	5.834	ug/L	98
6) Bromomethane	1.487	94	31442	5.408	ug/L	99
8) Chloroethane	1.548	64	34703	5.989	ug/L	100
9) Trichlorofluoromethane	1.716	101	64850	5.619	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	38243	5.468	ug/L	98
12) 1,1-Dichloroethene	2.072	96	36028	5.469	ug/L	90
13) Acetone	2.124	43	82086	57.630	ug/L	100
14) Carbon disulfide	2.243	76	113165	4.914	ug/L	98
15) Methyl Acetate	2.381	43	18744	5.845	ug/L	94
16) Methylene chloride	2.449	84	44379	5.167	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	102047	5.690	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	41003	5.434	ug/L	99
19) 1,1-Dichloroethane	3.114	63	75577	5.324	ug/L	99
21) 2-Butanone	3.876	43	127256	57.131	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	52315	6.439	ug/L	95
23) Bromochloromethane	4.153	128	20527	6.005	ug/L	95
25) Chloroform	4.281	83	83750	6.013	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	47343	5.754	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	60651	5.063	ug/L	98
30) Cyclohexane	4.587	56	58338	4.432	ug/L	99
31) Carbon tetrachloride	4.738	117	57741	5.697	ug/L	100
33) Benzene	5.014	78	167651	5.405	ug/L	100
34) Trichloroethene	5.834	95	1312579	155.011	ug/L	98
35) Methylcyclohexane	6.053	83	61185	4.669	ug/L	97
37) 1,2-Dichloropropane	6.098	63	46366	5.589	ug/L	99
38) Bromodichloromethane	6.436	83	56366	5.719	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	57812	4.897	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	334931	63.802	ug/L	100
42) Toluene	7.320	91	193252	5.844	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	48911	5.041	ug/L	95
45) 1,1,2-Trichloroethane	7.773	97	34918	5.967	ug/L	97
47) Tetrachloroethene	7.908	164	29143	4.538	ug/L	99
48) 2-Hexanone	8.079	43	241621	65.236	ug/L	99
49) Dibromochloromethane	8.182	129	34318	5.633	ug/L	98
50) 1,2-Dibromoethane	8.288	107	32181	5.814	ug/L	99
51) Chlorobenzene	8.818	112	97711	4.590	ug/L	99
52) Ethylbenzene	8.950	91	167451	4.548	ug/L	99
53) m,p-Xylene	9.075	106	64521	4.725	ug/L	98
54) o-Xylene	9.481	106	61324	4.660	ug/L	100
55) Styrene	9.500	104	99718	4.487	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	40341	6.265	ug/L	97
59) Bromoform	9.670	173	17956	5.927	ug/L	97
60) Isopropylbenzene	9.870	105	152891	4.722	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	29016	6.544	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	116743	4.424	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	119299	4.541	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	69607	4.500	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	69180	4.458	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	65647	4.654	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5331	5.884	ug/L	92
69) 1,3,5-Trichlorobenzene	12.587	180	44677	3.944	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	38611	3.843	ug/L	97
71) Naphthalene	13.445	128	74194	4.347	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	36717	4.241	ug/L	98

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

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