

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100623\
 Data File : VW032312.D
 Acq On : 06 Oct 2023 19:34
 Operator : SY/MD
 Sample : 04774-08MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX869MS

Quant Time: Oct 07 05:09:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	72720	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	77180	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22970	3.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.532	69	22412	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.060	65	9186	3.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	3.786	46	98902	66.106	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.220%#
24) Chloroform-d	4.252	84	51154	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	4.947	65	26775	5.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	4.963	84	91649	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	5.995	67	32283	4.290	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.246	98	86606	4.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.558	79	11936	4.477	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.027	63	82518	65.777	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.560%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31651	6.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.200%#
66) 1,2-Dichlorobenzene-d4	11.564	152	32768	4.411	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	39860	4.919	ug/L	98
3) Chloromethane	1.217	50	43557	5.332	ug/L	99
5) Vinyl chloride	1.282	62	40286	5.170	ug/L	99
6) Bromomethane	1.484	94	23570	5.008	ug/L	99
8) Chloroethane	1.548	64	24984	5.326	ug/L	98
9) Trichlorofluoromethane	1.712	101	48406	5.181	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27409	4.841	ug/L	96
12) 1,1-Dichloroethene	2.069	96	26676	5.002	ug/L	88
13) Acetone	2.111	43	65090	56.447	ug/L	97
14) Carbon disulfide	2.240	76	85432	4.582	ug/L	99
15) Methyl Acetate	2.378	43	14798	5.700	ug/L	97
16) Methylene chloride	2.449	84	32267	4.641	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	75808	5.221	ug/L	94
18) trans-1,2-Dichloroethene	2.696	96	28023	4.587	ug/L	99
19) 1,1-Dichloroethane	3.114	63	55242	4.807	ug/L	100
21) 2-Butanone	3.870	43	97418	54.024	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	38567	5.863	ug/L	97
23) Bromochloromethane	4.153	128	15034	5.433	ug/L	97
25) Chloroform	4.281	83	60304	5.348	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	34226	5.138	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	45577	4.343	ug/L	98
30) Cyclohexane	4.587	56	45417	3.939	ug/L	99
31) Carbon tetrachloride	4.738	117	43576	4.908	ug/L	99
33) Benzene	5.015	78	124402	4.578	ug/L	100
34) Trichloroethene	5.834	95	914131	123.231	ug/L	98
35) Methylcyclohexane	6.053	83	47935	4.176	ug/L	96
37) 1,2-Dichloropropane	6.098	63	29881	4.112	ug/L	99
38) Bromodichloromethane	6.439	83	41284	4.781	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	46012	4.449	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	251878	54.770	ug/L	99
42) Toluene	7.320	91	149049	5.145	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	37497	4.412	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	26290	5.128	ug/L	99
47) Tetrachloroethene	7.908	164	24004	4.267	ug/L	98
48) 2-Hexanone	8.079	43	182821	56.345	ug/L	98
49) Dibromochloromethane	8.178	129	26298	4.927	ug/L	96
50) 1,2-Dibromoethane	8.288	107	25002	5.156	ug/L	95
51) Chlorobenzene	8.818	112	80394	4.311	ug/L	99
52) Ethylbenzene	8.950	91	137747	4.270	ug/L	99
53) m,p-Xylene	9.079	106	52746	4.409	ug/L	97
54) o-Xylene	9.481	106	50824	4.409	ug/L	97
55) Styrene	9.500	104	86237	4.430	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	32590	5.778	ug/L	98
59) Bromoform	9.670	173	14051	4.826	ug/L	99
60) Isopropylbenzene	9.873	105	131491	4.226	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	22917	5.378	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	102178	4.029	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	106287	4.210	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	62133	4.180	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	63401	4.252	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	59673	4.402	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	4272	4.907	ug/L	96
69) 1,3,5-Trichlorobenzene	12.587	180	42792	3.931	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	37528	3.887	ug/L	100
71) Naphthalene	13.442	128	71429	4.355	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	35428	4.259	ug/L	100

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

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