

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032287.D
 Acq On : 06 Oct 2023 06:43
 Operator : SY/MD
 Sample : 04748-30MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX874MS

Quant Time: Oct 06 07:58:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 05:25:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	85155	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	76546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	34652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30682	4.430	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.532	69	28551	5.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.060	65	12505	4.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	3.822	46	104002	59.364	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.720%
24) Chloroform-d	4.252	84	65460	5.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	4.944	65	30277	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	4.960	84	107536	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	5.992	67	35939	4.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.246	98	94044	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.558	79	11780	4.455	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.034	63	73070	58.728	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.460%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	29720	5.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	29499	4.588	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	50121	5.282	ug/L	98
3) Chloromethane	1.217	50	54988	5.748	ug/L	98
5) Vinyl chloride	1.282	62	50264	5.509	ug/L	99
6) Bromomethane	1.487	94	28773	5.221	ug/L	99
8) Chloroethane	1.548	64	30245	5.506	ug/L	99
9) Trichlorofluoromethane	1.712	101	54874	5.015	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	29618	4.467	ug/L	99
12) 1,1-Dichloroethene	2.069	96	32338	5.178	ug/L	95
13) Acetone	2.150	43	73744	54.613	ug/L	100
14) Carbon disulfide	2.240	76	97361	4.460	ug/L	99
15) Methyl Acetate	2.388	43	17925	5.897	ug/L	98
16) Methylene chloride	2.445	84	39382	4.837	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	94981	5.586	ug/L	94
18) trans-1,2-Dichloroethene	2.693	96	34243	4.787	ug/L	98
19) 1,1-Dichloroethane	3.111	63	71213	5.292	ug/L	99
21) 2-Butanone	3.905	43	114861	54.395	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	37332	4.847	ug/L	94
23) Bromochloromethane	4.150	128	17351	5.355	ug/L	97
25) Chloroform	4.278	83	203550	15.417	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	41515	5.322	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	57816	5.555	ug/L	99
30) Cyclohexane	4.580	56	44295	3.873	ug/L	98
31) Carbon tetrachloride	4.735	117	260130	29.540	ug/L	100
33) Benzene	5.011	78	151979	5.639	ug/L	100
34) Trichloroethene	5.834	95	100939	13.720	ug/L	97
35) Methylcyclohexane	6.050	83	40584	3.565	ug/L	97
37) 1,2-Dichloropropane	6.098	63	38475	5.338	ug/L	100
38) Bromodichloromethane	6.436	83	46887	5.475	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	48141	4.694	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	273310	59.923	ug/L	99
42) Toluene	7.317	91	170176	5.923	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	39732	4.713	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	28063	5.520	ug/L	96
47) Tetrachloroethene	7.908	164	22860	4.097	ug/L	98
48) 2-Hexanone	8.082	43	195006	60.598	ug/L	100
49) Dibromochloromethane	8.178	129	28044	5.298	ug/L	94
50) 1,2-Dibromoethane	8.288	107	26886	5.591	ug/L	97
51) Chlorobenzene	8.818	112	83246	4.501	ug/L	98
52) Ethylbenzene	8.950	91	138779	4.338	ug/L	99
53) m,p-Xylene	9.075	106	53420	4.502	ug/L	98
54) o-Xylene	9.481	106	51687	4.521	ug/L	100
55) Styrene	9.500	104	85885	4.448	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	31394	5.612	ug/L	100
59) Bromoform	9.670	173	14095	5.594	ug/L	97
60) Isopropylbenzene	9.870	105	120665	4.481	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	23261	6.307	ug/L	100
62) 1,3,5-Trimethylbenzene	10.480	105	92463	4.213	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	96617	4.421	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	56222	4.370	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	56686	4.392	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	54398	4.636	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	4207	5.583	ug/L	96
69) 1,3,5-Trichlorobenzene	12.587	180	34440	3.655	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	29410	3.519	ug/L	98
71) Naphthalene	13.442	128	56920	4.009	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	26818	3.724	ug/L	99

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

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