

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032269.D
 Acq On : 05 Oct 2023 20:39
 Operator : SY/MD
 Sample : 04708-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCJR7MSD

Quant Time: Oct 06 01:33:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 01:20:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	91829	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	93794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	49778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30805	4.125	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.400%	
7) Chloroethane-d5	1.532	69	28338	4.674	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.400%	
11) 1,1-Dichloroethene-d2	2.060	65	13011	4.131	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.600%	
20) 2-Butanone-d5	3.812	46	100604	53.251	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.500%	
24) Chloroform-d	4.252	84	64294	4.880	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	4.950	65	30959	4.961	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	4.963	84	120995	4.384	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	5.992	67	40426	4.421	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.400%	
41) Toluene-d8	7.246	98	113928	4.514	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	7.558	79	14418	4.450	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%	
46) 2-Hexanone-d5	8.030	63	77492	50.829	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.660%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32002	5.004	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	11.564	152	42315	4.581	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	51799	5.062	ug/L	98
3) Chloromethane	1.214	50	53116	5.149	ug/L	98
5) Vinyl chloride	1.282	62	49394	5.020	ug/L	99
6) Bromomethane	1.487	94	30149	5.073	ug/L	95
8) Chloroethane	1.548	64	30349	5.124	ug/L	99
9) Trichlorofluoromethane	1.712	101	60804	5.153	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	36474	5.102	ug/L	99
12) 1,1-Dichloroethene	2.069	96	34319	5.096	ug/L	86
13) Acetone	2.143	43	67382	46.275	ug/L	93
14) Carbon disulfide	2.240	76	112668	4.786	ug/L	99
15) Methyl Acetate	2.388	43	14094	4.299	ug/L	95
16) Methylene chloride	2.449	84	39046	4.447	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	90127	4.916	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	37326	4.839	ug/L	98
19) 1,1-Dichloroethane	3.114	63	71197	4.906	ug/L	98
21) 2-Butanone	3.896	43	104572	45.923	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	40760	4.907	ug/L	95
23) Bromochloromethane	4.156	128	17829	5.102	ug/L	97
25) Chloroform	4.281	83	77567	5.448	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	41283	4.908	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	58928	4.621	ug/L	98
30) Cyclohexane	4.587	56	58888	4.202	ug/L	99
31) Carbon tetrachloride	4.738	117	50107	4.644	ug/L	98
33) Benzene	5.015	78	171264	5.186	ug/L	100
34) Trichloroethene	5.834	95	1282216	142.234	ug/L	98
35) Methylcyclohexane	6.053	83	63872	4.578	ug/L	97
37) 1,2-Dichloropropane	6.098	63	42593	4.823	ug/L	100
38) Bromodichloromethane	6.436	83	51194	4.879	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	57688	4.590	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	266090	47.612	ug/L	98
42) Toluene	7.320	91	181406	5.153	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	46613	4.513	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	29322	4.707	ug/L	99
47) Tetrachloroethene	7.908	164	34250	5.010	ug/L	97
48) 2-Hexanone	8.082	43	190202	48.236	ug/L	99
49) Dibromochloromethane	8.182	129	31713	4.889	ug/L	95
50) 1,2-Dibromoethane	8.288	107	27874	4.730	ug/L	99
51) Chlorobenzene	8.818	112	105832	4.669	ug/L	98
52) Ethylbenzene	8.950	91	182626	4.659	ug/L	99
53) m,p-Xylene	9.075	106	69696	4.794	ug/L	97
54) o-Xylene	9.481	106	65586	4.682	ug/L	99
55) Styrene	9.500	104	113723	4.807	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.182	83	32952	4.807	ug/L	97
59) Bromoform	9.670	173	16443	4.543	ug/L	99
60) Isopropylbenzene	9.870	105	176754	4.569	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	24789	4.679	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	139594	4.427	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	141923	4.521	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	84698	4.583	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	85378	4.605	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	78417	4.652	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	5064	4.678	ug/L	99
69) 1,3,5-Trichlorobenzene	12.587	180	58647	4.333	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	52192	4.348	ug/L	99
71) Naphthalene	13.442	128	94720	4.645	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	47335	4.576	ug/L	99

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

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