

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032268.D
 Acq On : 05 Oct 2023 20:14
 Operator : SY/MD
 Sample : 04708-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCJR7MS

Quant Time: Oct 06 01:32:36 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	95895	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	90731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29906	3.835	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.532	69	27587	4.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.060	65	12679	3.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	3.805	46	92999	47.138	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.280%
24) Chloroform-d	4.252	84	62519	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.947	65	30067	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	4.963	84	117676	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	5.992	67	39712	4.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.246	98	107889	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.558	79	13722	4.378	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.030	63	73128	49.586	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.180%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30990	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	41162	4.554	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	49805	4.661	ug/L	99
3) Chloromethane	1.217	50	52125	4.839	ug/L	98
5) Vinyl chloride	1.281	62	48677	4.738	ug/L	100
6) Bromomethane	1.487	94	28967	4.667	ug/L	96
8) Chloroethane	1.548	64	30051	4.858	ug/L	100
9) Trichlorofluoromethane	1.712	101	59157	4.801	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	33928	4.544	ug/L	99
12) 1,1-Dichloroethene	2.069	96	32525	4.625	ug/L	91
13) Acetone	2.130	43	65832	43.293	ug/L	97
14) Carbon disulfide	2.240	76	105697	4.299	ug/L	99
15) Methyl Acetate	2.388	43	14761	4.312	ug/L	97
16) Methylene chloride	2.449	84	38757	4.227	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	86451	4.515	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	35573	4.416	ug/L	97
19) 1,1-Dichloroethane	3.114	63	68219	4.502	ug/L	100
21) 2-Butanone	3.886	43	97471	40.990	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	39255	4.526	ug/L	96
23) Bromochloromethane	4.153	128	17350	4.755	ug/L	96
25) Chloroform	4.281	83	75270	5.062	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	40360	4.595	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	56244	4.559	ug/L	98
30) Cyclohexane	4.587	56	54154	3.995	ug/L	99
31) Carbon tetrachloride	4.738	117	47176	4.520	ug/L	98
33) Benzene	5.014	78	185162	5.796	ug/L	100
34) Trichloroethene	5.834	95	1309846	150.204	ug/L	98
35) Methylcyclohexane	6.053	83	58503	4.335	ug/L	96
37) 1,2-Dichloropropane	6.098	63	39384	4.610	ug/L	99
38) Bromodichloromethane	6.436	83	50460	4.971	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	54435	4.477	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	257630	47.654	ug/L	99
42) Toluene	7.317	91	194225	5.704	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	44028	4.406	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	28893	4.794	ug/L	99
47) Tetrachloroethene	7.908	164	32757	4.953	ug/L	98
48) 2-Hexanone	8.079	43	183437	48.091	ug/L	100
49) Dibromochloromethane	8.182	129	30283	4.827	ug/L	96
50) 1,2-Dibromoethane	8.288	107	27320	4.793	ug/L	95
51) Chlorobenzene	8.818	112	101003	4.607	ug/L	99
52) Ethylbenzene	8.950	91	176390	4.652	ug/L	99
53) m,p-Xylene	9.075	106	66353	4.718	ug/L	99
54) o-Xylene	9.480	106	62929	4.644	ug/L	99
55) Styrene	9.500	104	106823	4.668	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	31599	4.765	ug/L	97
59) Bromoform	9.670	173	15949	4.503	ug/L	100
60) Isopropylbenzene	9.870	105	165829	4.381	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	24449	4.716	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	128992	4.181	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	131927	4.295	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	78564	4.344	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	79796	4.398	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	73662	4.466	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	4815	4.546	ug/L	94
69) 1,3,5-Trichlorobenzene	12.586	180	53084	4.009	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	46036	3.919	ug/L	100
71) Naphthalene	13.442	128	81807	4.100	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	42140	4.163	ug/L	99

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

