

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102323\
 Data File : VW032561.D
 Acq On : 23 Oct 2023 10:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005295

Quant Time: Oct 24 04:46:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109831	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	112829	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56759	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34004	3.807	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.200%	
7) Chloroethane-d5	1.532	69	34080	4.700	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.060	65	15273	4.054	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.000%	
20) 2-Butanone-d5	3.825	46	121139	53.611	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.220%	
24) Chloroform-d	4.249	84	78630	4.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
26) 1,2-Dichloroethane-d4	4.944	65	40069	5.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
32) Benzene-d6	4.960	84	136348	4.107	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
36) 1,2-Dichloropropane-d6	5.989	67	44377	4.034	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.600%	
41) Toluene-d8	7.243	98	121929	4.016	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	7.558	79	18222	4.675	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.400%	
46) 2-Hexanone-d5	8.030	63	102448	55.862	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.720%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	40806	5.304	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.000%	
66) 1,2-Dichlorobenzene-d4	11.564	152	46199	4.386	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	54884	4.484	ug/L	98
3) Chloromethane	1.214	50	55384	4.489	ug/L	98
5) Vinyl chloride	1.282	62	55327	4.702	ug/L	99
6) Bromomethane	1.487	94	32724	4.603	ug/L	99
8) Chloroethane	1.548	64	36310	5.125	ug/L	98
9) Trichlorofluoromethane	1.712	101	76431	5.416	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	46758	5.468	ug/L	99
12) 1,1-Dichloroethene	2.069	96	42568	5.285	ug/L	89
13) Acetone	2.153	43	91454	52.512	ug/L	74
14) Carbon disulfide	2.240	76	114224	4.056	ug/L	100
15) Methyl Acetate	2.391	43	19675	5.018	ug/L	96
16) Methylene chloride	2.445	84	46873	4.463	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	99312	4.529	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	41290	4.475	ug/L	98
19) 1,1-Dichloroethane	3.111	63	82192	4.736	ug/L	99
21) 2-Butanone	3.902	43	112785	41.412	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	45407	4.571	ug/L	95
23) Bromochloromethane	4.150	128	20390	4.879	ug/L	95
25) Chloroform	4.278	83	86343	5.070	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	51882	5.157	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	72515	4.727	ug/L	97
30) Cyclohexane	4.580	56	64333	3.816	ug/L	98
31) Carbon tetrachloride	4.732	117	61664	4.751	ug/L	99
33) Benzene	5.008	78	177076	4.458	ug/L	100
34) Trichloroethene	5.834	95	48920	4.511	ug/L	95
35) Methylcyclohexane	6.050	83	70869	4.223	ug/L	95
37) 1,2-Dichloropropane	6.095	63	49413	4.651	ug/L	100
38) Bromodichloromethane	6.432	83	62677	4.965	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	68562	4.535	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	296274	44.069	ug/L	98
42) Toluene	7.317	91	196163	4.632	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	56356	4.536	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	34442	4.596	ug/L	98
47) Tetrachloroethene	7.905	164	36404	4.427	ug/L	99
48) 2-Hexanone	8.079	43	223898	47.202	ug/L	98
49) Dibromochloromethane	8.178	129	38197	4.896	ug/L	95
50) 1,2-Dibromoethane	8.284	107	31534	4.449	ug/L	94
51) Chlorobenzene	8.815	112	121699	4.464	ug/L	99
52) Ethylbenzene	8.947	91	208634	4.424	ug/L	100
53) m,p-Xylene	9.075	106	80238	4.588	ug/L	98
54) o-Xylene	9.481	106	74318	4.410	ug/L	97
55) Styrene	9.497	104	133669	4.697	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	40741	4.941	ug/L	96
59) Bromoform	9.667	173	20438	4.952	ug/L	100
60) Isopropylbenzene	9.870	105	204273	4.631	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	28881	4.781	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	160098	4.453	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	160728	4.490	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	95623	4.538	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	96619	4.570	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	88993	4.630	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	6083	4.928	ug/L	86
69) 1,3,5-Trichlorobenzene	12.587	180	68034	4.409	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	55295	4.040	ug/L	98
71) Naphthalene	13.442	128	92137	3.962	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	51798	4.392	ug/L	99

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

