

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013123\
 Data File : VW030004.D
 Acq On : 31 Jan 2023 10:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005398

Quant Time: Feb 01 00:09:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 28 02:00:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	237916	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	223138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	122812	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	89729	4.972	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.564	69	82166	5.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.105	63	165680	5.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.800%
20) 2-Butanone-d5	3.886	46	165720	51.812	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.620%
24) Chloroform-d	4.333	84	159898	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.021	65	66891	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.037	84	333457	5.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.056	67	101090	5.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.304	98	298502	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.609	79	34053	4.813	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.082	63	148824	51.671	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.340%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	70370	4.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.609	152	104591	4.684	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	91851	4.148	ug/L	99
3) Chloromethane	1.240	50	127430	5.468	ug/L	100
5) Vinyl chloride	1.307	62	121395	5.312	ug/L	99
6) Bromomethane	1.519	94	36314	3.264	ug/L	99
8) Chloroethane	1.580	64	76344	5.506	ug/L	100
9) Trichlorofluoromethane	1.748	101	137418	4.591	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	87655	4.971	ug/L	95
12) 1,1-Dichloroethene	2.114	96	84017	4.136	ug/L	90
13) Acetone	2.178	43	115304	50.508	ug/L	92
14) Carbon disulfide	2.288	76	249565	4.267	ug/L	100
15) Methyl Acetate	2.432	43	28049	4.718	ug/L	94
16) Methylene chloride	2.500	84	95586	3.788	ug/L	90
17) Methyl tert-butyl Ether	2.760	73	171427	4.880	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	86730	4.593	ug/L	89
19) 1,1-Dichloroethane	3.178	63	166370	5.266	ug/L	97
21) 2-Butanone	3.966	43	171320	52.385	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	93769	4.660	ug/L	93
23) Bromochloromethane	4.233	128	38113	4.586	ug/L	# 78
25) Chloroform	4.362	83	159024	4.631	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	82442	4.941	ug/L	98
29) 1,1,1-Trichloroethane	4.593	97	135352	4.672	ug/L	97
30) Cyclohexane	4.667	56	139740	5.094	ug/L	96
31) Carbon tetrachloride	4.815	117	114017	4.522	ug/L	99
33) Benzene	5.088	78	375211	5.086	ug/L	100
34) Trichloroethene	5.902	95	89561	4.790	ug/L	97
35) Methylcyclohexane	6.120	83	152549	4.833	ug/L	97
37) 1,2-Dichloropropane	6.162	63	97188	5.625	ug/L	99
38) Bromodichloromethane	6.497	83	110423	4.942	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	124224	5.362	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	419231	56.860	ug/L	95
42) Toluene	7.374	91	394660	4.960	ug/L	100
44) trans-1,3-Dichloropropene	7.638	75	101924	5.459	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	61351	4.929	ug/L	99
47) Tetrachloroethene	7.963	164	72116	4.581	ug/L	99
48) 2-Hexanone	8.130	43	303056	57.507	ug/L	96
49) Dibromochloromethane	8.233	129	69072	4.728	ug/L	98
50) 1,2-Dibromoethane	8.342	107	52732	4.880	ug/L	96
51) Chlorobenzene	8.870	112	244038	4.830	ug/L	99
52) Ethylbenzene	9.001	91	403495	4.845	ug/L	99
53) m,p-Xylene	9.127	106	156870	4.759	ug/L	99
54) o-Xylene	9.532	106	151947	4.857	ug/L	98
55) Styrene	9.548	104	265265	4.930	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	71975	5.205	ug/L	98
59) Bromoform	9.718	173	36697	4.613	ug/L	100
60) Isopropylbenzene	9.918	105	402309	5.125	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	47540	5.228	ug/L	98
62) 1,3,5-Trimethylbenzene	10.525	105	324186	4.819	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	328588	4.898	ug/L	100
64) 1,3-Dichlorobenzene	11.165	146	198281	4.974	ug/L	99
65) 1,4-Dichlorobenzene	11.258	146	196096	4.935	ug/L	97
67) 1,2-Dichlorobenzene	11.628	146	181722	5.071	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.413	75	10869	5.054	ug/L	92
69) 1,3,5-Trichlorobenzene	12.631	180	159443	4.969	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	126604	5.049	ug/L	99
71) Naphthalene	13.487	128	168036	5.173	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	108605	5.219	ug/L	99

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

