

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013123\
 Data File : VW030012.D
 Acq On : 31 Jan 2023 16:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005399

Quant Time: Feb 01 00:15:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 01 00:13:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	232277	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	220312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	119714	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83311	4.729	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.564	69	75968	5.202	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.105	63	156527	4.874	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	3.883	46	158870	50.877	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.760%
24) Chloroform-d	4.333	84	153470	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.021	65	63266	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.037	84	312879	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.056	67	94945	4.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.304	98	278187	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.609	79	31321	4.484	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.082	63	141495	49.756	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.520%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	66617	4.753	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.609	152	98059	4.505	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	91501	4.233	ug/L	99
3) Chloromethane	1.236	50	124993	5.494	ug/L	99
5) Vinyl chloride	1.307	62	117191	5.253	ug/L	100
6) Bromomethane	1.516	94	34143	3.143	ug/L	97
8) Chloroethane	1.580	64	74245	5.485	ug/L	100
9) Trichlorofluoromethane	1.748	101	134898	4.616	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	85671	4.976	ug/L	95
12) 1,1-Dichloroethene	2.114	96	81287	4.098	ug/L	91
13) Acetone	2.179	43	121606	54.562	ug/L	97
14) Carbon disulfide	2.288	76	242417	4.245	ug/L	100
15) Methyl Acetate	2.429	43	25982	4.476	ug/L	95
16) Methylene chloride	2.497	84	100544	4.081	ug/L	90
17) Methyl tert-butyl Ether	2.760	73	163949	4.781	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	84645	4.591	ug/L	93
19) 1,1-Dichloroethane	3.178	63	164605	5.337	ug/L	96
21) 2-Butanone	3.966	43	172199	53.932	ug/L	97
22) cis-1,2-Dichloroethene	3.899	96	90952	4.630	ug/L	93
23) Bromochloromethane	4.233	128	38671	4.767	ug/L #	81
25) Chloroform	4.362	83	156666	4.673	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	84202	5.169	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	133217	4.657	ug/L	97
30) Cyclohexane	4.664	56	133134	4.916	ug/L	97
31) Carbon tetrachloride	4.815	117	108344	4.353	ug/L	97
33) Benzene	5.088	78	365894	5.023	ug/L	100
34) Trichloroethene	5.902	95	86758	4.700	ug/L	96
35) Methylcyclohexane	6.120	83	143906	4.618	ug/L	95
37) 1,2-Dichloropropane	6.162	63	91818	5.383	ug/L	99
38) Bromodichloromethane	6.497	83	108281	4.908	ug/L	96
39) cis-1,3-Dichloropropene	7.018	75	118442	5.178	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	416409	57.202	ug/L	95
42) Toluene	7.378	91	384475	4.894	ug/L	99
44) trans-1,3-Dichloropropene	7.638	75	97380	5.283	ug/L	98
45) 1,1,2-Trichloroethane	7.828	97	58792	4.784	ug/L	97
47) Tetrachloroethene	7.963	164	70678	4.548	ug/L	96
48) 2-Hexanone	8.133	43	305697	58.752	ug/L	95
49) Dibromochloromethane	8.233	129	67455	4.677	ug/L	100
50) 1,2-Dibromoethane	8.342	107	51534	4.830	ug/L	99
51) Chlorobenzene	8.870	112	239442	4.800	ug/L	99
52) Ethylbenzene	9.001	91	391604	4.763	ug/L	99
53) m,p-Xylene	9.127	106	152713	4.692	ug/L	99
54) o-Xylene	9.532	106	147109	4.763	ug/L	97
55) Styrene	9.548	104	262567	4.943	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.226	83	69908	5.121	ug/L	98
59) Bromoform	9.718	173	35947	4.636	ug/L	99
60) Isopropylbenzene	9.921	105	388563	5.078	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	45988	5.188	ug/L	98
62) 1,3,5-Trimethylbenzene	10.525	105	307182	4.684	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	313091	4.788	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	188888	4.861	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	189846	4.901	ug/L	97
67) 1,2-Dichlorobenzene	11.628	146	172450	4.937	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	9670	4.613	ug/L	93
69) 1,3,5-Trichlorobenzene	12.631	180	151280	4.837	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	121369	4.966	ug/L	99
71) Naphthalene	13.487	128	161348	5.096	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	104004	5.127	ug/L	99

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

