

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020323\
 Data File : VW030040.D
 Acq On : 03 Feb 2023 16:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005284

Quant Time: Feb 04 01:05:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 04 01:01:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	228192	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	216773	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	124329	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76562	4.424	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.565	69	74667	5.204	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.108	63	151245	4.793	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.892	46	171356	55.857	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.720%
24) Chloroform-d	4.339	84	156183	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.024	65	65032	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.043	84	315940	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.063	67	98289	5.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.307	98	285911	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.612	79	33050	4.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.082	63	156519	55.938	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.880%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	72953	5.290	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	103910	4.597	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	90828	4.277	ug/L	99
3) Chloromethane	1.240	50	122258	5.470	ug/L	100
5) Vinyl chloride	1.307	62	117264	5.350	ug/L	98
6) Bromomethane	1.520	94	37618	3.525	ug/L	97
8) Chloroethane	1.584	64	74557	5.606	ug/L	99
9) Trichlorofluoromethane	1.751	101	137644	4.795	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	85122	5.033	ug/L	95
12) 1,1-Dichloroethene	2.114	96	82614	4.240	ug/L	82
13) Acetone	2.185	43	129219	59.016	ug/L	98
14) Carbon disulfide	2.291	76	239079	4.262	ug/L	100
15) Methyl Acetate	2.436	43	28339	4.970	ug/L	94
16) Methylene chloride	2.503	84	115483	4.771	ug/L	92
17) Methyl tert-butyl Ether	2.767	73	173109	5.138	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	86131	4.755	ug/L	92
19) 1,1-Dichloroethane	3.185	63	168262	5.553	ug/L	99
21) 2-Butanone	3.976	43	178672	56.961	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	93350	4.837	ug/L	95
23) Bromochloromethane	4.240	128	40494	5.081	ug/L	# 78
25) Chloroform	4.368	83	165261	5.018	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	83127	5.195	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	135383	4.810	ug/L	97
30) Cyclohexane	4.670	56	130709	4.905	ug/L	97
31) Carbon tetrachloride	4.822	117	115132	4.701	ug/L	100
33) Benzene	5.092	78	376450	5.252	ug/L	100
34) Trichloroethene	5.908	95	89360	4.920	ug/L	97
35) Methylcyclohexane	6.124	83	142826	4.658	ug/L	97
37) 1,2-Dichloropropane	6.166	63	97784	5.826	ug/L	99
38) Bromodichloromethane	6.503	83	111581	5.140	ug/L	97
39) cis-1,3-Dichloropropene	7.018	75	123883	5.504	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	451377	63.018	ug/L	94
42) Toluene	7.378	91	399150	5.164	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	102116	5.630	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	63775	5.274	ug/L	98
47) Tetrachloroethene	7.966	164	72028	4.710	ug/L	98
48) 2-Hexanone	8.133	43	326310	63.737	ug/L	96
49) Dibromochloromethane	8.236	129	71444	5.034	ug/L	97
50) 1,2-Dibromoethane	8.342	107	55115	5.250	ug/L	99
51) Chlorobenzene	8.873	112	251228	5.119	ug/L	99
52) Ethylbenzene	9.002	91	399617	4.940	ug/L	99
53) m,p-Xylene	9.130	106	156410	4.884	ug/L	98
54) o-Xylene	9.532	106	151062	4.971	ug/L	98
55) Styrene	9.551	104	270914	5.183	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	77885	5.798	ug/L	98
59) Bromoform	9.722	173	39150	4.862	ug/L	99
60) Isopropylbenzene	9.921	105	398117	5.010	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	51862	5.633	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	322258	4.732	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	329419	4.851	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	203680	5.047	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	205210	5.101	ug/L	98
67) 1,2-Dichlorobenzene	11.628	146	185730	5.119	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	11048	5.075	ug/L	85
69) 1,3,5-Trichlorobenzene	12.632	180	157021	4.834	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	127313	5.016	ug/L	99
71) Naphthalene	13.487	128	172170	5.236	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	108785	5.164	ug/L	100

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

