

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071423\
 Data File : VW031702.D
 Acq On : 14 Jul 2023 09:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005368

Quant Time: Jul 15 05:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 14 06:00:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	174157	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	185499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	101148	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67764	4.394	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.532	69	65682	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.059	65	40702	5.142	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	3.821	46	200498	50.885	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.760%
24) Chloroform-d	4.256	84	177929	5.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
26) 1,2-Dichloroethane-d4	4.950	65	86805	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	4.966	84	284701	5.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	5.995	67	102750	5.235	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.249	98	274991	5.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
43) trans-1,3-Dichloroprop...	7.561	79	35674	5.755	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.000%
46) 2-Hexanone-d5	8.034	63	157475	54.697	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.400%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	80728	5.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	88227	5.008	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	95405	5.044	ug/L	98
3) Chloromethane	1.217	50	89039	4.543	ug/L	98
5) Vinyl chloride	1.281	62	84486	4.512	ug/L #	29
6) Bromomethane	1.487	94	56736	4.956	ug/L	93
8) Chloroethane	1.548	64	54656	5.031	ug/L	96
9) Trichlorofluoromethane	1.712	101	132511	4.905	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	79922	5.378	ug/L	96
12) 1,1-Dichloroethene	2.069	96	70216	5.168	ug/L	98
13) Acetone	2.153	43	121095m	48.305	ug/L	
14) Carbon disulfide	2.240	76	209183	4.959	ug/L	98
15) Methyl Acetate	2.391	43	32108m	5.987	ug/L	
16) Methylene chloride	2.449	84	68700	3.805	ug/L	90
17) Methyl tert-butyl Ether	2.712	73	123541	4.948	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	58689	4.995	ug/L	96
19) 1,1-Dichloroethane	3.117	63	128072	4.985	ug/L	97
21) 2-Butanone	3.908	43	152971	46.881	ug/L #	78
22) cis-1,2-Dichloroethene	3.821	96	60493	5.208	ug/L	93
23) Bromochloromethane	4.156	128	31253	5.344	ug/L	98
25) Chloroform	4.281	83	139797	5.533	ug/L	95

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Quant Time: Jul 15 05:22:14 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	81621	5.136	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	121526	5.425	ug/L	99
30) Cyclohexane	4.587	56	81759	5.019	ug/L	95
31) Carbon tetrachloride	4.738	117	104916	5.307	ug/L	98
33) Benzene	5.014	78	256512	5.444	ug/L	100
34) Trichloroethene	5.837	95	67765	5.069	ug/L	97
35) Methylcyclohexane	6.056	83	82837	4.993	ug/L	100
37) 1,2-Dichloropropane	6.101	63	68106	5.036	ug/L #	95
38) Bromodichloromethane	6.442	83	93982	5.233	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	83383	4.952	ug/L	93
40) 4-Methyl-2-pentanone	7.169	43	408307	56.477	ug/L	98
42) Toluene	7.320	91	272007	5.977	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	82137	5.592	ug/L	96
45) 1,1,2-Trichloroethane	7.776	97	53605	5.334	ug/L	96
47) Tetrachloroethene	7.911	164	50245	5.444	ug/L	96
48) 2-Hexanone	8.085	43	327122	61.750	ug/L	100
49) Dibromochloromethane	8.181	129	61539	5.701	ug/L	98
50) 1,2-Dibromoethane	8.288	107	50879	5.414	ug/L #	98
51) Chlorobenzene	8.821	112	154629	5.152	ug/L	98
52) Ethylbenzene	8.953	91	232550	5.154	ug/L	99
53) m,p-Xylene	9.079	106	85180	5.108	ug/L	99
54) o-Xylene	9.484	106	78451	5.072	ug/L	98
55) Styrene	9.503	104	146508	5.020	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	57042	5.364	ug/L	96
59) Bromoform	9.670	173	33903	5.021	ug/L	96
60) Isopropylbenzene	9.873	105	217885	4.863	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	46199	5.139	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	165399	4.575	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	166838	4.624	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	124131	5.141	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	126897	4.965	ug/L	97
67) 1,2-Dichlorobenzene	11.586	146	117623	5.083	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	9153	4.954	ug/L	97
69) 1,3,5-Trichlorobenzene	12.586	180	85076	4.817	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	66808	4.774	ug/L	98
71) Naphthalene	13.445	128	100156	4.437	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	60584	4.688	ug/L	98

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

