

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040723\
 Data File : VW030430.D
 Acq On : 07 Apr 2023 09:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

Quant Time: Apr 10 03:49:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	120421	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	118613	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69321	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33279	4.173	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.535	69	34691	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.066	63	88525	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	3.818	46	89280	43.310	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.620%
24) Chloroform-d	4.259	84	91738	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	4.950	65	44104	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	4.966	84	160504	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	5.998	67	47977	4.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.249	98	154861	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.561	79	16386	4.159	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.034	63	64475	40.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.460%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36140	4.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	56875	4.590	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	67556	4.413	ug/L	100
3) Chloromethane	1.217	50	83079	4.301	ug/L	99
5) Vinyl chloride	1.285	62	64231	4.561	ug/L	99
6) Bromomethane	1.490	94	20169	5.021	ug/L	98
8) Chloroethane	1.555	64	37650	4.667	ug/L	100
9) Trichlorofluoromethane	1.719	101	104036	5.068	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	52121	4.600	ug/L	99
12) 1,1-Dichloroethene	2.072	96	48295	4.800	ug/L	97
13) Acetone	2.150	43	79121	40.137	ug/L	85
14) Carbon disulfide	2.246	76	146651	4.425	ug/L	100
15) Methyl Acetate	2.394	43	22613	6.419	ug/L #	88
16) Methylene chloride	2.452	84	75982	6.384	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	97843	4.591	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	48034	4.532	ug/L	97
19) 1,1-Dichloroethane	3.117	63	96783	4.710	ug/L	99
21) 2-Butanone	3.899	43	101284	40.822	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	49486	4.652	ug/L	99
23) Bromochloromethane	4.159	128	24055	4.842	ug/L	92
25) Chloroform	4.285	83	101656	4.895	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	63096	5.025	ug/L	97
29) 1,1,1-Trichloroethane	4.519	97	95114	4.989	ug/L	99
30) Cyclohexane	4.593	56	74351	4.281	ug/L	96
31) Carbon tetrachloride	4.744	117	85997	4.971	ug/L	99
33) Benzene	5.018	78	206041	4.891	ug/L	100
34) Trichloroethene	5.841	95	52345	4.607	ug/L	99
35) Methylcyclohexane	6.059	83	78540	4.404	ug/L	99
37) 1,2-Dichloropropane	6.101	63	53046	4.905	ug/L	100
38) Bromodichloromethane	6.439	83	70203	4.957	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	63604	4.182	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	252019	44.220	ug/L	98
42) Toluene	7.323	91	228444	5.091	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	54276	4.194	ug/L	91
45) 1,1,2-Trichloroethane	7.776	97	36361	4.775	ug/L	98
47) Tetrachloroethene	7.911	164	48239	4.811	ug/L	96
48) 2-Hexanone	8.085	43	186999	43.811	ug/L	98
49) Dibromochloromethane	8.185	129	44301	4.887	ug/L	99
50) 1,2-Dibromoethane	8.291	107	31659	4.569	ug/L #	91
51) Chlorobenzene	8.821	112	141397	4.921	ug/L	99
52) Ethylbenzene	8.953	91	234065	4.768	ug/L	99
53) m,p-Xylene	9.079	106	92141	4.903	ug/L	98
54) o-Xylene	9.484	106	86620	4.817	ug/L	98
55) Styrene	9.503	104	154167	5.048	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	40461	4.476	ug/L	97
59) Bromoform	9.673	173	27166	4.849	ug/L	99
60) Isopropylbenzene	9.876	105	240931	4.713	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	28129	4.539	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	190201	4.560	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	199150	4.684	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	123552	4.847	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	121410	4.727	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	108553	4.725	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	6362	4.127	ug/L	96
69) 1,3,5-Trichlorobenzene	12.593	180	92310	4.703	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	69717	4.600	ug/L	98
71) Naphthalene	13.448	128	91269	4.217	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	58368	4.446	ug/L	99

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

