

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040523\
 Data File : VW030405.D
 Acq On : 05 Apr 2023 16:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

Quant Time: Apr 06 05:27:58 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	140282	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	137036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	81690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	24344	2.620	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.400%
7) Chloroethane-d5	1.535	69	30887	3.426	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.069	63	77314	3.507	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.815	46	121246	50.489	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.980%
24) Chloroform-d	4.259	84	94965	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	4.957	65	48332	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	4.973	84	154750	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	5.998	67	51097	4.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.252	98	142260	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.561	79	17287	3.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.034	63	89968	49.188	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.380%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	43289	4.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	61736	4.228	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	78822	4.420	ug/L	98
3) Chloromethane	1.217	50	92556	4.113	ug/L	100
5) Vinyl chloride	1.285	62	72609	4.426	ug/L	99
6) Bromomethane	1.490	94	25653	5.483	ug/L	99
8) Chloroethane	1.555	64	44880	4.776	ug/L	96
9) Trichlorofluoromethane	1.719	101	116761	4.882	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	62093	4.704	ug/L	98
12) 1,1-Dichloroethene	2.076	96	54941	4.687	ug/L	83
13) Acetone	2.140	43	110409	48.079	ug/L	81
14) Carbon disulfide	2.246	76	171416	4.440	ug/L	99
15) Methyl Acetate	2.391	43	19780	4.820	ug/L	95
16) Methylene chloride	2.455	84	68524	4.942	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	115440	4.650	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	54975	4.452	ug/L	100
19) 1,1-Dichloroethane	3.121	63	113137	4.726	ug/L	98
21) 2-Butanone	3.896	43	139518	48.271	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	59669	4.815	ug/L	95
23) Bromochloromethane	4.159	128	28284	4.887	ug/L	94
25) Chloroform	4.288	83	119391	4.935	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	72787	4.976	ug/L	96
29) 1,1,1-Trichloroethane	4.523	97	107082	4.862	ug/L	98
30) Cyclohexane	4.596	56	91050	4.538	ug/L	99
31) Carbon tetrachloride	4.744	117	98855	4.946	ug/L	98
33) Benzene	5.021	78	236081	4.850	ug/L	100
34) Trichloroethene	5.841	95	62811	4.785	ug/L	99
35) Methylcyclohexane	6.059	83	96717	4.694	ug/L	99
37) 1,2-Dichloropropane	6.104	63	60068	4.807	ug/L	99
38) Bromodichloromethane	6.442	83	80321	4.909	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	78046	4.442	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	322751	49.017	ug/L	98
42) Toluene	7.323	91	264123	5.095	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	66942	4.477	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	41918	4.764	ug/L	99
47) Tetrachloroethene	7.911	164	55799	4.816	ug/L	97
48) 2-Hexanone	8.085	43	255612	51.835	ug/L	99
49) Dibromochloromethane	8.185	129	49577	4.734	ug/L	93
50) 1,2-Dibromoethane	8.291	107	37145	4.641	ug/L #	89
51) Chlorobenzene	8.821	112	165810	4.995	ug/L	99
52) Ethylbenzene	8.953	91	276415	4.873	ug/L	98
53) m,p-Xylene	9.082	106	106659	4.912	ug/L	98
54) o-Xylene	9.487	106	101254	4.874	ug/L	96
55) Styrene	9.503	104	180565	5.117	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	48878	4.680	ug/L	99
59) Bromoform	9.673	173	30482	4.617	ug/L	98
60) Isopropylbenzene	9.876	105	282369	4.687	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	34381	4.707	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	224040	4.557	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	237424	4.739	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	145582	4.846	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	145236	4.799	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	128490	4.746	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	7920	4.360	ug/L	92
69) 1,3,5-Trichlorobenzene	12.590	180	113489	4.906	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	83760	4.690	ug/L	100
71) Naphthalene	13.448	128	109577	4.296	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	71670	4.632	ug/L	99

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

