

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030823\
 Data File : VW030143.D
 Acq On : 08 Mar 2023 10:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005294

Quant Time: Mar 09 00:36:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 03 22:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	161047	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	161717	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	96336	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	36888	3.540	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.535	69	40353	4.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.066	63	87426	4.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.831	46	99356	51.715	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.420%
24) Chloroform-d	4.259	84	99485	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.950	65	40991	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	4.966	84	168933	3.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	5.995	67	54065	4.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.249	98	155822	3.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.558	79	18623	4.158	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.037	63	90301	48.734	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.460%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46286	4.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	66567	4.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	69454	5.301	ug/L	99
3) Chloromethane	1.217	50	97927	4.743	ug/L	98
5) Vinyl chloride	1.285	62	70741	5.155	ug/L	100
6) Bromomethane	1.490	94	12513	5.080	ug/L	92
8) Chloroethane	1.552	64	44500	5.323	ug/L	98
9) Trichlorofluoromethane	1.716	101	105801	5.374	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	67730	5.547	ug/L	99
12) 1,1-Dichloroethene	2.072	96	58234	5.388	ug/L	95
13) Acetone	2.172	43	76226	53.680	ug/L #	53
14) Carbon disulfide	2.246	76	140065	4.843	ug/L	100
15) Methyl Acetate	2.391	43	14895	4.491	ug/L #	88
16) Methylene chloride	2.452	84	65857	4.988	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	108503	5.134	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	52755	5.131	ug/L	100
19) 1,1-Dichloroethane	3.117	63	104807	5.472	ug/L	97
21) 2-Butanone	3.915	43	90302	47.285	ug/L	92
22) cis-1,2-Dichloroethene	3.822	96	57106	5.025	ug/L	98
23) Bromochloromethane	4.156	128	27231	5.608	ug/L	98
25) Chloroform	4.285	83	109817	5.512	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	55345	5.311	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	98703	5.196	ug/L	100
30) Cyclohexane	4.590	56	71929	4.382	ug/L	99
31) Carbon tetrachloride	4.741	117	88172	5.164	ug/L	97
33) Benzene	5.018	78	219325	4.966	ug/L	100
34) Trichloroethene	5.841	95	60701	4.905	ug/L	95
35) Methylcyclohexane	6.056	83	84788	4.527	ug/L	99
37) 1,2-Dichloropropane	6.101	63	57719	5.137	ug/L	100
38) Bromodichloromethane	6.439	83	76833	5.356	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	79465	4.831	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	240801	51.935	ug/L	99
42) Toluene	7.323	91	243632	5.093	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	65879	5.131	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	42401	5.274	ug/L	99
47) Tetrachloroethene	7.911	164	53568	5.043	ug/L	97
48) 2-Hexanone	8.085	43	180816	54.475	ug/L	99
49) Dibromochloromethane	8.185	129	51756	5.501	ug/L	99
50) 1,2-Dibromoethane	8.291	107	37610	5.014	ug/L #	94
51) Chlorobenzene	8.821	112	161812	5.016	ug/L	99
52) Ethylbenzene	8.953	91	256393	4.925	ug/L	100
53) m,p-Xylene	9.082	106	99600	4.978	ug/L	96
54) o-Xylene	9.487	106	94676	4.954	ug/L	99
55) Styrene	9.503	104	167054	5.256	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	49348	5.487	ug/L	99
59) Bromoform	9.673	173	31689	5.488	ug/L	98
60) Isopropylbenzene	9.876	105	263857	4.760	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	31538	4.891	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	212275	4.662	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	222356	4.774	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	144431	5.004	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	143638	4.933	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	129264	5.072	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	7045	4.892	ug/L	95
69) 1,3,5-Trichlorobenzene	12.593	180	114911	4.843	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	86306	4.490	ug/L	99
71) Naphthalene	13.448	128	111152	4.425	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	75674	4.783	ug/L	98

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

