

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032123\
 Data File : VW030272.D
 Acq On : 21 Mar 2023 12:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005310

Quant Time: Mar 22 06:00:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	128495	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	120442	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	46109	5.546	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.000%
7) Chloroethane-d5	1.536	69	42284	5.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.066	63	96967	5.673	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.400%
20) 2-Butanone-d5	3.822	46	87359	56.989	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.980%
24) Chloroform-d	4.259	84	92903	5.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	4.950	65	45893	6.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.400%#
32) Benzene-d6	4.969	84	170150	5.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	5.995	67	46802	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.249	98	165320	5.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	7.561	79	19880	5.960	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	119.200%
46) 2-Hexanone-d5	8.034	63	71258	51.636	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.280%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	34265	4.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	60990	5.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	46196	4.419	ug/L	99
3) Chloromethane	1.217	50	63135	3.832	ug/L	96
5) Vinyl chloride	1.285	62	47573	4.345	ug/L	98
6) Bromomethane	1.494	94	12820	6.523	ug/L	97
8) Chloroethane	1.555	64	31160	4.671	ug/L	97
9) Trichlorofluoromethane	1.719	101	85631	5.451	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	46589	4.782	ug/L	96
12) 1,1-Dichloroethene	2.076	96	38925	4.514	ug/L	80
13) Acetone	2.153	43	68133	60.136	ug/L	69
14) Carbon disulfide	2.246	76	83765	3.630	ug/L	100
15) Methyl Acetate	2.394	43	12101	4.573	ug/L	98
16) Methylene chloride	2.452	84	45260	4.296	ug/L	88
17) Methyl tert-butyl Ether	2.712	73	87942	5.215	ug/L #	95
18) trans-1,2-Dichloroethene	2.699	96	36219	4.415	ug/L	95
19) 1,1-Dichloroethane	3.117	63	74338	4.865	ug/L	99
21) 2-Butanone	3.905	43	88311	57.957	ug/L	89
22) cis-1,2-Dichloroethene	3.822	96	42092	4.642	ug/L	97
23) Bromochloromethane	4.159	128	18623	4.806	ug/L	97
25) Chloroform	4.285	83	83065	5.225	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	52025	6.257	ug/L #	94
29) 1,1,1-Trichloroethane	4.519	97	77546	5.481	ug/L	96
30) Cyclohexane	4.590	56	53810	4.402	ug/L	97
31) Carbon tetrachloride	4.741	117	70357	5.533	ug/L	99
33) Benzene	5.018	78	155743	4.735	ug/L	100
34) Trichloroethene	5.841	95	40954	4.443	ug/L	97
35) Methylcyclohexane	6.056	83	58337	4.182	ug/L	92
37) 1,2-Dichloropropane	6.101	63	38994	4.660	ug/L	97
38) Bromodichloromethane	6.439	83	57085	5.344	ug/L	95
39) cis-1,3-Dichloropropene	6.960	75	58630	4.786	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	209475	60.662	ug/L	92
42) Toluene	7.323	91	175594	4.929	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	50877	5.320	ug/L	96
45) 1,1,2-Trichloroethane	7.776	97	28987	4.841	ug/L	97
47) Tetrachloroethene	7.911	164	37467	4.736	ug/L	97
48) 2-Hexanone	8.085	43	157697	63.791	ug/L	90
49) Dibromochloromethane	8.185	129	37020	5.283	ug/L	99
50) 1,2-Dibromoethane	8.291	107	26447	4.734	ug/L	98
51) Chlorobenzene	8.821	112	116652	4.855	ug/L	98
52) Ethylbenzene	8.953	91	192948	4.976	ug/L	100
53) m,p-Xylene	9.079	106	76997	5.167	ug/L	98
54) o-Xylene	9.487	106	72997	5.128	ug/L	98
55) Styrene	9.503	104	129892	5.487	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	33021	4.930	ug/L	100
59) Bromoform	9.673	173	21423	5.124	ug/L	96
60) Isopropylbenzene	9.876	105	208502	5.195	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	23017	4.930	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	171130	5.191	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	175845	5.214	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	105758	5.061	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	106026	5.029	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	96651	5.238	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	5890	5.649	ug/L	87
69) 1,3,5-Trichlorobenzene	12.590	180	85018	4.949	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	66620	4.787	ug/L	99
71) Naphthalene	13.448	128	88580	4.871	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	54749	4.779	ug/L	99

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

