

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052723\
 Data File : VW031251.D
 Acq On : 26 May 2023 16:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005359

Quant Time: May 27 01:40:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:48:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	159976	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	114516	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	83608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	73409	4.140	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.535	69	62051	4.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.063	65	32286	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.822	46	177498	46.514	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.020%
24) Chloroform-d	4.256	84	162747	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.950	65	80002	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	4.966	84	287117	6.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.000%
36) 1,2-Dichloropropane-d6	5.995	67	98443	6.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.000%
41) Toluene-d8	7.249	98	245802	5.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.600%
43) trans-1,3-Dichloroprop...	7.561	79	27816	5.406	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.200%
46) 2-Hexanone-d5	8.034	63	116699	55.546	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.100%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	66988	5.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	88594	4.516	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	83764	4.866	ug/L	98
3) Chloromethane	1.217	50	86826	4.508	ug/L	100
5) Vinyl chloride	1.285	62	89807	4.821	ug/L	99
6) Bromomethane	1.490	94	42946	4.669	ug/L	100
8) Chloroethane	1.552	64	48083	4.897	ug/L	98
9) Trichlorofluoromethane	1.716	101	121435	4.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	67509	4.980	ug/L	98
12) 1,1-Dichloroethene	2.072	96	53939	4.982	ug/L	82
13) Acetone	2.146	43	135767	45.271	ug/L	99
14) Carbon disulfide	2.243	76	156518	4.881	ug/L	98
15) Methyl Acetate	2.391	43	27309	4.572	ug/L	97
16) Methylene chloride	2.452	84	72298	3.868	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	148464	4.972	ug/L	96
18) trans-1,2-Dichloroethene	2.699	96	60765	5.033	ug/L	93
19) 1,1-Dichloroethane	3.117	63	147455	4.951	ug/L	98
21) 2-Butanone	3.905	43	189069	49.861	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	68353	4.928	ug/L	97
23) Bromochloromethane	4.153	128	30140	4.877	ug/L	96
25) Chloroform	4.285	83	151492	4.974	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	84666	4.898	ug/L #	94
29) 1,1,1-Trichloroethane	4.516	97	131211	6.148	ug/L	98
30) Cyclohexane	4.590	56	100554	6.155	ug/L	99
31) Carbon tetrachloride	4.741	117	119514	6.494	ug/L	98
33) Benzene	5.018	78	272909	6.394	ug/L	100
34) Trichloroethene	5.838	95	73595	6.418	ug/L	98
35) Methylcyclohexane	6.056	83	101025	6.374	ug/L	97
37) 1,2-Dichloropropane	6.101	63	79625	6.368	ug/L	99
38) Bromodichloromethane	6.439	83	93826	5.987	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	75021	5.063	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	346266	56.541	ug/L	100
42) Toluene	7.320	91	270890	6.460	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	80692	6.278	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	45346	5.997	ug/L	93
47) Tetrachloroethene	7.911	164	53324	6.416	ug/L	97
48) 2-Hexanone	8.085	43	215597	45.339	ug/L	96
49) Dibromochloromethane	8.185	129	44934	4.946	ug/L	94
50) 1,2-Dibromoethane	8.291	107	31250	4.477	ug/L	89
51) Chlorobenzene	8.821	112	133393	4.836	ug/L	99
52) Ethylbenzene	8.953	91	231122	4.999	ug/L	100
53) m,p-Xylene	9.079	106	87804	5.139	ug/L	91
54) o-Xylene	9.484	106	97757	6.010	ug/L	96
55) Styrene	9.503	104	175655	6.124	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	58618	6.142	ug/L	97
59) Bromoform	9.670	173	34172	5.048	ug/L	96
60) Isopropylbenzene	9.873	105	308055	5.054	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	43368	4.746	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	244589	4.949	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	251389	4.968	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	151069	5.234	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	150956	5.112	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	134402	4.859	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	9072	4.711	ug/L	93
69) 1,3,5-Trichlorobenzene	12.590	180	116116	4.954	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	85916	4.586	ug/L	99
71) Naphthalene	13.448	128	106281	3.833	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	75059	4.658	ug/L	99

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

