

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051123\
 Data File : VW031015.D
 Acq On : 11 May 2023 14:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

Quant Time: May 12 09:47:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	135055	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	133590	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	75930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	47588	4.277	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.536	69	42868	4.723	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.063	65	26882	4.565	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	3.831	46	86331	43.752	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.500%
24) Chloroform-d	4.256	84	106493	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	4.950	65	52654	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.966	84	183617	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	5.995	67	49996	4.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.246	98	174340	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.561	79	19687	4.612	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.034	63	64250	42.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.920%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	38278	4.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	63566	4.491	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	48171	4.515	ug/L	99
3) Chloromethane	1.217	50	52292	4.176	ug/L	98
5) Vinyl chloride	1.285	62	48855	4.662	ug/L	99
6) Bromomethane	1.491	94	22417	4.491	ug/L	99
8) Chloroethane	1.552	64	28335	4.442	ug/L	99
9) Trichlorofluoromethane	1.716	101	92284	4.773	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	48400	4.904	ug/L	99
12) 1,1-Dichloroethene	2.072	96	42264	4.650	ug/L	99
13) Acetone	2.159	43	78034	46.298	ug/L	85
14) Carbon disulfide	2.246	76	98155	4.127	ug/L	97
15) Methyl Acetate	2.391	43	11080	3.231	ug/L #	78
16) Methylene chloride	2.452	84	60200	5.855	ug/L	91
17) Methyl tert-butyl Ether	2.712	73	84736	4.897	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	38441	4.630	ug/L	94
19) 1,1-Dichloroethane	3.117	63	79865	4.982	ug/L	99
21) 2-Butanone	3.908	43	79798	43.049	ug/L	90
22) cis-1,2-Dichloroethene	3.818	96	41222	4.706	ug/L	93
23) Bromochloromethane	4.156	128	20431	4.954	ug/L	94
25) Chloroform	4.281	83	89208	5.186	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	52036	4.820	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	83633	4.982	ug/L	100
30) Cyclohexane	4.587	56	53598	4.227	ug/L	96
31) Carbon tetrachloride	4.738	117	75177	4.986	ug/L	99
33) Benzene	5.015	78	163079	4.853	ug/L	100
34) Trichloroethene	5.838	95	42713	4.768	ug/L	96
35) Methylcyclohexane	6.056	83	59137	4.260	ug/L	98
37) 1,2-Dichloropropane	6.101	63	40153	5.038	ug/L #	96
38) Bromodichloromethane	6.439	83	58813	5.042	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	57011	4.776	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	206343	49.965	ug/L	98
42) Toluene	7.320	91	182265	5.038	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	49547	4.871	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	29884	5.053	ug/L	97
47) Tetrachloroethene	7.912	164	40444	4.733	ug/L	96
48) 2-Hexanone	8.085	43	160177	50.570	ug/L	99
49) Dibromochloromethane	8.182	129	39075	5.252	ug/L	95
50) 1,2-Dibromoethane	8.288	107	26978	5.115	ug/L #	98
51) Chlorobenzene	8.818	112	118205	4.819	ug/L	100
52) Ethylbenzene	8.953	91	185136	4.694	ug/L	99
53) m,p-Xylene	9.079	106	72085	4.580	ug/L	100
54) o-Xylene	9.484	106	69723	4.654	ug/L	98
55) Styrene	9.500	104	119909	4.744	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	34219	5.176	ug/L	96
59) Bromoform	9.670	173	23061	5.160	ug/L	100
60) Isopropylbenzene	9.873	105	191687	4.682	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	22969	4.815	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	148050	4.442	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	148546	4.399	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	100773	4.793	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	98343	4.636	ug/L	95
67) 1,2-Dichlorobenzene	11.587	146	90389	4.781	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	5506	4.548	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.590	180	73326	4.405	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	51800	4.049	ug/L	98
71) Naphthalene	13.448	128	60133	3.278	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	42815	3.954	ug/L	99

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

