

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052723\
 Data File : VW031264.D
 Acq On : 26 May 2023 22:38
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005360

Quant Time: May 27 01:49:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 27 01:45:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	125171	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	140789	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	78207	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	64427	4.644	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.535	69	57154	5.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.063	65	28839	5.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	3.815	46	181124	60.662	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.320%
24) Chloroform-d	4.259	84	152046	5.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	4.950	65	72145	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	4.969	84	240610	4.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	5.995	67	78691	4.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.000%
41) Toluene-d8	7.249	98	228233	4.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.561	79	24976	3.948	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.034	63	109650	42.451	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.900%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	70080	5.047	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	83358	4.543	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	73392	5.449	ug/L	98
3) Chloromethane	1.217	50	76923	5.104	ug/L	100
5) Vinyl chloride	1.285	62	79559	5.459	ug/L	100
6) Bromomethane	1.494	94	40635	5.647	ug/L	98
8) Chloroethane	1.555	64	43056	5.605	ug/L	97
9) Trichlorofluoromethane	1.719	101	111611	5.570	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	60552	5.709	ug/L	97
12) 1,1-Dichloroethene	2.076	96	50468	5.957	ug/L #	69
13) Acetone	2.146	43	93245	39.738	ug/L	99
14) Carbon disulfide	2.246	76	136802	5.452	ug/L	99
15) Methyl Acetate	2.391	43	27012	5.779	ug/L	96
16) Methylene chloride	2.452	84	70158	4.798	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	136552	5.844	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	55626	5.889	ug/L	95
19) 1,1-Dichloroethane	3.121	63	137262	5.890	ug/L	99
21) 2-Butanone	3.902	43	158886	53.553	ug/L	93
22) cis-1,2-Dichloroethene	3.825	96	62682	5.775	ug/L	98
23) Bromochloromethane	4.156	128	31688	6.553	ug/L	91
25) Chloroform	4.288	83	152207	6.387	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	74247	5.489	ug/L #	95
29) 1,1,1-Trichloroethane	4.523	97	127337	4.853	ug/L	98
30) Cyclohexane	4.590	56	86793	4.321	ug/L	99
31) Carbon tetrachloride	4.744	117	113013	4.995	ug/L	100
33) Benzene	5.021	78	235542	4.489	ug/L	100
34) Trichloroethene	5.841	95	58759	4.168	ug/L	98
35) Methylcyclohexane	6.059	83	76068	3.904	ug/L	99
37) 1,2-Dichloropropane	6.101	63	66543	4.329	ug/L	100
38) Bromodichloromethane	6.439	83	74622	3.873	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	72424	3.976	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	370230	49.173	ug/L	99
42) Toluene	7.323	91	259833	5.040	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	66293	4.195	ug/L	91
45) 1,1,2-Trichloroethane	7.776	97	44441	4.781	ug/L	95
47) Tetrachloroethene	7.911	164	49023	4.798	ug/L	95
48) 2-Hexanone	8.085	43	274601	46.971	ug/L	98
49) Dibromochloromethane	8.185	129	54155	4.849	ug/L	100
50) 1,2-Dibromoethane	8.288	107	38684	4.507	ug/L	97
51) Chlorobenzene	8.821	112	170801	5.037	ug/L	97
52) Ethylbenzene	8.953	91	272788	4.799	ug/L	99
53) m,p-Xylene	9.079	106	102113	4.861	ug/L	99
54) o-Xylene	9.484	106	96863	4.844	ug/L	97
55) Styrene	9.503	104	178243	5.055	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	62116	5.294	ug/L	95
59) Bromoform	9.673	173	34754	5.489	ug/L	98
60) Isopropylbenzene	9.873	105	274450	4.813	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	45765	5.354	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	210531	4.554	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	219638	4.640	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	140138	5.191	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	143737	5.204	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	133657	5.166	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	10150	5.635	ug/L	91
69) 1,3,5-Trichlorobenzene	12.590	180	98518	4.494	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	72944	4.163	ug/L	98
71) Naphthalene	13.448	128	89031	3.433	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	65651	4.356	ug/L	98

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

