

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051723\
 Data File : VW031083.D
 Acq On : 17 May 2023 18:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

Quant Time: May 18 02:52:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 18 02:47:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	138065	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	134567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	78980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	37606	3.306	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.539	69	40514	4.366	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.063	65	21560	3.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.815	46	99107	49.132	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.260%
24) Chloroform-d	4.259	84	107066	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.953	65	55528	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	4.969	84	178451	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	5.995	67	51313	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.249	98	167477	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.561	79	19329	4.496	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.034	63	77225	51.266	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.540%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	40609	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	65059	4.419	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	42429	3.890	ug/L	99
3) Chloromethane	1.217	50	45293	3.538	ug/L	98
5) Vinyl chloride	1.288	62	42724	3.988	ug/L	97
6) Bromomethane	1.494	94	20488	4.015	ug/L	92
8) Chloroethane	1.555	64	26224	4.022	ug/L	99
9) Trichlorofluoromethane	1.719	101	87600	4.432	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	44176	4.378	ug/L	99
12) 1,1-Dichloroethene	2.076	96	38125	4.103	ug/L	86
13) Acetone	2.143	43	62045	36.009	ug/L	78
14) Carbon disulfide	2.246	76	80465	3.310	ug/L	99
15) Methyl Acetate	2.391	43	12358	3.525	ug/L	97
16) Methylene chloride	2.455	84	39009	3.711	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	75882	4.290	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	33456	3.942	ug/L	99
19) 1,1-Dichloroethane	3.117	63	72852	4.445	ug/L	99
21) 2-Butanone	3.899	43	76990	40.628	ug/L	93
22) cis-1,2-Dichloroethene	3.825	96	39285	4.387	ug/L	95
23) Bromochloromethane	4.159	128	19248	4.565	ug/L	95
25) Chloroform	4.285	83	83360	4.741	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	52916	4.795	ug/L	99
29) 1,1,1-Trichloroethane	4.522	97	79500	4.702	ug/L	99
30) Cyclohexane	4.593	56	49164	3.849	ug/L	97
31) Carbon tetrachloride	4.744	117	68473	4.508	ug/L	99
33) Benzene	5.021	78	155111	4.582	ug/L	100
34) Trichloroethene	5.841	95	39821	4.413	ug/L	94
35) Methylcyclohexane	6.059	83	54807	3.920	ug/L	99
37) 1,2-Dichloropropane	6.101	63	37641	4.688	ug/L #	95
38) Bromodichloromethane	6.439	83	54391	4.629	ug/L #	96
39) cis-1,3-Dichloropropene	6.963	75	50113	4.167	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	196112	47.143	ug/L	98
42) Toluene	7.323	91	170325	4.674	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	44959	4.388	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	27838	4.673	ug/L	97
47) Tetrachloroethene	7.911	164	37202	4.322	ug/L	97
48) 2-Hexanone	8.085	43	155835	48.842	ug/L	99
49) Dibromochloromethane	8.185	129	35475	4.733	ug/L	99
50) 1,2-Dibromoethane	8.291	107	25894	4.873	ug/L	99
51) Chlorobenzene	8.821	112	112413	4.550	ug/L	98
52) Ethylbenzene	8.953	91	177628	4.471	ug/L	96
53) m,p-Xylene	9.079	106	70762	4.463	ug/L	94
54) o-Xylene	9.484	106	67476	4.472	ug/L	97
55) Styrene	9.503	104	119094	4.677	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	32071	4.816	ug/L	98
59) Bromoform	9.673	173	22251	4.786	ug/L	96
60) Isopropylbenzene	9.873	105	188981	4.438	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	22458	4.526	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	149565	4.314	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	150007	4.271	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	96812	4.427	ug/L	95
65) 1,4-Dichlorobenzene	11.217	146	98261	4.454	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	90369	4.596	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.374	75	5264	4.180	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	74419	4.298	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	56399	4.239	ug/L	99
71) Naphthalene	13.448	128	71955	3.771	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	47765	4.240	ug/L	100

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

