

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055299.D
 Acq On : 13 Sep 2023 21:10
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005123

Quant Time: Sep 14 05:09:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	194160	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	199941	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	112545	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28107	3.089	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.911	69	49705	4.719	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.563	65	16231	3.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	4.631	46	186744	70.717	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.440%#
24) Chloroform-d	5.058	84	121895	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.702	65	64612	5.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.724	84	211660	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.689	67	73993	4.714	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.898	98	188856	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.177	79	19821	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.634	63	113724	64.800	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	64427	5.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	77818	4.737	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47941	4.249	ug/L	99
3) Chloromethane	1.515	50	44269	3.854	ug/L	97
5) Vinyl chloride	1.602	62	51411	4.243	ug/L	94
6) Bromomethane	1.856	94	39984	5.471	ug/L	99
8) Chloroethane	1.930	64	45178	5.726	ug/L	98
9) Trichlorofluoromethane	2.133	101	91074	5.169	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48177	4.699	ug/L	95
12) 1,1-Dichloroethene	2.576	96	40040	4.461	ug/L	93
13) Acetone	2.641	43	80556	45.515	ug/L	99
14) Carbon disulfide	2.788	76	83187	3.784	ug/L	97
15) Methyl Acetate	2.956	43	18772	5.182	ug/L	94
16) Methylene chloride	3.039	84	71716	5.229	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	123483	5.245	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	43596	4.787	ug/L	90
19) 1,1-Dichloroethane	3.866	63	102215	5.193	ug/L	99
21) 2-Butanone	4.708	43	145570	55.980	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	59749	5.360	ug/L	93
23) Bromochloromethane	4.975	128	26812	5.848	ug/L	88
25) Chloroform	5.084	83	116951	5.705	ug/L	97

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27) 1,2-Dichloroethane	5.795	62	67921	5.429	ug/L	100
29) 1,1,1-Trichloroethane	5.316	97	88947	5.143	ug/L	99
30) Cyclohexane	5.383	56	64385	4.186	ug/L	95
31) Carbon tetrachloride	5.521	117	74201	5.160	ug/L	100
33) Benzene	5.772	78	221718	5.210	ug/L	100
34) Trichloroethene	6.541	95	64431	5.448	ug/L	96
35) Methylcyclohexane	6.759	83	69894	4.212	ug/L	97
37) 1,2-Dichloropropane	6.788	63	61615	5.318	ug/L	100
38) Bromodichloromethane	7.103	83	76008	5.495	ug/L	98
39) cis-1,3-Dichloropropene	7.608	75	80428	5.104	ug/L	95
40) 4-Methyl-2-pentanone	7.788	43	346630	52.452	ug/L	95
42) Toluene	7.968	91	240240	5.296	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	66458	5.373	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	48159	6.172	ug/L	95
47) Tetrachloroethene	8.550	164	41648	5.095	ug/L	98
48) 2-Hexanone	8.682	43	276159	53.350	ug/L	97
49) Dibromochloromethane	8.807	129	48616	5.707	ug/L	94
50) 1,2-Dibromoethane	8.920	107	42973	6.048	ug/L #	92
51) Chlorobenzene	9.444	112	160585	5.345	ug/L	97
52) Ethylbenzene	9.570	91	255742	5.039	ug/L	98
53) m,p-Xylene	9.692	106	97448	5.189	ug/L	92
54) o-Xylene	10.100	106	98030	5.305	ug/L	97
55) Styrene	10.113	104	163364	5.353	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	50906	5.237	ug/L	94
59) Bromoform	10.290	173	26284	5.845	ug/L	97
60) Isopropylbenzene	10.483	105	257857	4.913	ug/L	99
61) 1,2,3-Trichloropropane	10.823	75	43928	5.882	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	206743	4.735	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	196403	4.565	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	125571	4.984	ug/L	97
65) 1,4-Dichlorobenzene	11.836	146	124129	4.943	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	121325	5.136	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	7220	5.018	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.219	180	83580	4.390	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	63099	3.534	ug/L	97
71) Naphthalene	14.087	128	99379	3.063	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	58684	3.787	ug/L	97

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

