

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062823\
 Data File : VU054686.D
 Acq On : 28 Jun 2023 17:55
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

Quant Time: Jun 29 04:37:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	321602	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	306439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	160634	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	101356	4.952	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.911	69	89071	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.563	65	40935	4.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.631	46	317547	55.182	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.360%
24) Chloroform-d	5.058	84	190723	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.698	65	95575	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.724	84	361104	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.685	67	122497	4.306	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.894	98	316845	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.177	79	47071	4.758	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.631	63	219391	52.861	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	101854	4.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	115534	4.264	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	113264	3.769	ug/L	100
3) Chloromethane	1.518	50	142356	4.124	ug/L	99
5) Vinyl chloride	1.602	62	150815	4.256	ug/L	99
6) Bromomethane	1.856	94	78598	4.035	ug/L	98
8) Chloroethane	1.933	64	96623	4.549	ug/L	99
9) Trichlorofluoromethane	2.132	101	191712	4.401	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	116937	4.589	ug/L	99
12) 1,1-Dichloroethene	2.576	96	101434	4.349	ug/L	88
13) Acetone	2.644	43	233871	43.104	ug/L	100
14) Carbon disulfide	2.788	76	248627	3.594	ug/L	98
15) Methyl Acetate	2.956	43	58963	5.864	ug/L	99
16) Methylene chloride	3.042	84	140424	4.281	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	296535	5.150	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	103424	4.294	ug/L	98
19) 1,1-Dichloroethane	3.862	63	245286	4.921	ug/L	98
21) 2-Butanone	4.711	43	395825	56.212	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	127663	4.655	ug/L	99
23) Bromochloromethane	4.972	128	55256	4.842	ug/L	98
25) Chloroform	5.084	83	243690	4.960	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	155486	5.399	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	196446	4.728	ug/L	98
30) Cyclohexane	5.383	56	180173	3.981	ug/L	99
31) Carbon tetrachloride	5.518	117	164174	4.585	ug/L	99
33) Benzene	5.769	78	505672	4.591	ug/L	100
34) Trichloroethene	6.537	95	125537	4.311	ug/L	94
35) Methylcyclohexane	6.759	83	170668	3.877	ug/L	97
37) 1,2-Dichloropropane	6.785	63	150808	5.064	ug/L	100
38) Bromodichloromethane	7.100	83	173327	5.142	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	200215	4.925	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	952029	59.910	ug/L	98
42) Toluene	7.965	91	532019	4.691	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	169164	5.127	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	99908	5.274	ug/L	98
47) Tetrachloroethene	8.547	164	87358	3.919	ug/L	95
48) 2-Hexanone	8.679	43	694057	58.617	ug/L	98
49) Dibromochloromethane	8.804	129	106463	5.352	ug/L	96
50) 1,2-Dibromoethane	8.920	107	89049	5.120	ug/L	100
51) Chlorobenzene	9.444	112	323085	4.570	ug/L	98
52) Ethylbenzene	9.566	91	559671	4.518	ug/L	99
53) m,p-Xylene	9.688	106	206007	4.527	ug/L	99
54) o-Xylene	10.097	106	202011	4.591	ug/L	96
55) Styrene	10.110	104	355518	4.814	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	133825	5.562	ug/L	97
59) Bromoform	10.287	173	63229	5.483	ug/L	98
60) Isopropylbenzene	10.479	105	557368	4.743	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	88170	5.431	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	444394	4.635	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	450159	4.623	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	260535	4.743	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	256399	4.651	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	244364	4.837	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	21486	6.023	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	187756	4.530	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	154633	4.512	ug/L	100
71) Naphthalene	14.081	128	257591	4.623	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	142577	4.843	ug/L	99

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

