

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054920.D
 Acq On : 28 Aug 2023 12:34
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005094

Quant Time: Aug 29 04:47:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:38:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	203570	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	192234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	104083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32247	5.019	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.908	69	39257	4.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.563	65	18171	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.628	46	165607	47.750	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.500%
24) Chloroform-d	5.062	84	124017	5.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.702	65	62617	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.727	84	222089	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.689	67	78698	5.178	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.898	98	214410	5.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	8.177	79	26542	5.307	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.634	63	113602	47.855	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	64640	4.960	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	87806	5.284	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	63510	5.035	ug/L	99
3) Chloromethane	1.518	50	64989	4.938	ug/L	99
5) Vinyl chloride	1.599	62	70540	5.163	ug/L	98
6) Bromomethane	1.853	94	41618	4.882	ug/L	97
8) Chloroethane	1.930	64	43304	4.820	ug/L	98
9) Trichlorofluoromethane	2.136	101	98254	5.054	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	51499	4.876	ug/L	95
12) 1,1-Dichloroethene	2.576	96	44604	4.852	ug/L	98
13) Acetone	2.631	43	90265	48.150	ug/L	97
14) Carbon disulfide	2.789	76	128102	5.032	ug/L	97
15) Methyl Acetate	2.953	43	19098	4.977	ug/L	92
16) Methylene chloride	3.043	84	52613	3.726	ug/L	98
17) Methyl tert-butyl Ether	3.364	73	127326	4.759	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	50939	5.071	ug/L	96
19) 1,1-Dichloroethane	3.866	63	104276	4.949	ug/L	99
21) 2-Butanone	4.708	43	140223	48.814	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	61218	5.112	ug/L	95
23) Bromochloromethane	4.975	128	25236	4.870	ug/L	97
25) Chloroform	5.087	83	111310	4.816	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	68527	4.853	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	94657	4.954	ug/L	100
30) Cyclohexane	5.386	56	88670	5.235	ug/L	98
31) Carbon tetrachloride	5.522	117	81321	5.002	ug/L	99
33) Benzene	5.772	78	232510	5.127	ug/L	100
34) Trichloroethene	6.541	95	64142	5.104	ug/L	96
35) Methylcyclohexane	6.763	83	95770	5.150	ug/L	98
37) 1,2-Dichloropropane	6.788	63	64336	5.089	ug/L	98
38) Bromodichloromethane	7.103	83	79159	5.048	ug/L	97
39) cis-1,3-Dichloropropene	7.608	75	96266	5.284	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	347689	49.333	ug/L	99
42) Toluene	7.968	91	254436	5.056	ug/L	100
44) trans-1,3-Dichloropropene	8.210	75	75825	5.040	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	43260	5.070	ug/L	98
47) Tetrachloroethene	8.554	164	48337	5.352	ug/L	92
48) 2-Hexanone	8.685	43	279096	53.473	ug/L	98
49) Dibromochloromethane	8.808	129	48607	4.918	ug/L	91
50) 1,2-Dibromoethane	8.923	107	40611	4.945	ug/L	98
51) Chlorobenzene	9.447	112	166887	5.095	ug/L	99
52) Ethylbenzene	9.570	91	288622	5.085	ug/L	99
53) m,p-Xylene	9.695	106	107695	5.063	ug/L	95
54) o-Xylene	10.100	106	108012	5.297	ug/L	93
55) Styrene	10.113	104	175451	5.220	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.782	83	52831	5.005	ug/L	96
59) Bromoform	10.290	173	25775	4.985	ug/L	96
60) Isopropylbenzene	10.483	105	295011	5.280	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	38430	4.959	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	251137	5.237	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	240896	5.415	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	137107	5.274	ug/L	100
65) 1,4-Dichlorobenzene	11.836	146	135547	5.212	ug/L	99
67) 1,2-Dichlorobenzene	12.213	146	123837	5.226	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	7946	5.292	ug/L	95
69) 1,3,5-Trichlorobenzene	13.219	180	95986	5.538	ug/L	99
70) 1,2,4-trichlorobenzene	13.840	180	79521	5.858	ug/L	98
71) Naphthalene	14.087	128	139911	6.851	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	66837	5.942	ug/L	99

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

