

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054916.D
 Acq On : 28 Aug 2023 10:24
 Operator : MD/SY
 Sample : VSTD00545
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005045

Quant Time: Aug 29 02:48:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 02:45:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	198589	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	189606	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	102600	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33121	2.490	ug/L	0.00
7) Chloroethane-d5	1.911	69	39596	3.409	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	18326	3.242	ug/L	0.00
20) 2-Butanone-d5	4.628	46	165439	48.922	ug/L	0.00
24) Chloroform-d	5.062	84	119853	4.606	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	63674	4.648	ug/L	0.00
32) Benzene-d6	5.727	84	216560	4.441	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.692	67	76013	4.821	ug/L	0.00
41) Toluene-d8	7.897	98	208759	4.580	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	25583	4.166	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	113654	47.267	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	64075	4.990	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	82912	4.708	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	64440	4.292	ug/L	100
3) Chloromethane	1.518	50	62874	3.803	ug/L	100
5) Vinyl chloride	1.602	62	68321	4.209	ug/L	100
6) Bromomethane	1.856	94	41573	4.189	ug/L	100
8) Chloroethane	1.930	64	43720	4.617	ug/L	100
9) Trichlorofluoromethane	2.136	101	98188	4.570	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	53586	4.903	ug/L	100
12) 1,1-Dichloroethene	2.576	96	45824	4.557	ug/L	100
13) Acetone	2.634	43	85969	48.575	ug/L	100
14) Carbon disulfide	2.792	76	126378	3.869	ug/L	100
15) Methyl Acetate	2.956	43	18953	4.399	ug/L	100
16) Methylene chloride	3.042	84	56351	3.788	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	130259	5.307	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	49052	4.697	ug/L	100
19) 1,1-Dichloroethane	3.865	63	105907	5.147	ug/L	100
21) 2-Butanone	4.708	43	133273	49.646	ug/L	100
22) cis-1,2-Dichloroethene	4.666	96	62168	5.311	ug/L	100
23) Bromochloromethane	4.975	128	25987	5.108	ug/L	100
25) Chloroform	5.087	83	115146	5.291	ug/L	100
27) 1,2-Dichloroethane	5.795	62	67999	4.918	ug/L	100
29) 1,1,1-Trichloroethane	5.316	97	94459	5.103	ug/L	100
30) Cyclohexane	5.386	56	87441	5.273	ug/L	100
31) Carbon tetrachloride	5.521	117	81018	4.919	ug/L	100
33) Benzene	5.772	78	228281	5.254	ug/L	100
34) Trichloroethene	6.541	95	63458	5.193	ug/L	100
35) Methylcyclohexane	6.759	83	93413	5.434	ug/L	100
37) 1,2-Dichloropropane	6.791	63	62714	5.433	ug/L	100
38) Bromodichloromethane	7.106	83	77532	5.266	ug/L	100
39) cis-1,3-Dichloropropene	7.608	75	93028	5.408	ug/L	100
40) 4-Methyl-2-pentanone	7.791	43	346131	54.016	ug/L	100
42) Toluene	7.968	91	254464	5.497	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	75857	5.188	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.399	97	44365	5.366	ug/L	100
47) Tetrachloroethene	8.553	164	44976	4.696	ug/L	100
48) 2-Hexanone	8.685	43	254453	55.260	ug/L	100
49) Dibromochloromethane	8.807	129	47092	5.030	ug/L	100
50) 1,2-Dibromoethane	8.923	107	40952	5.256	ug/L	100
51) Chlorobenzene	9.447	112	161844	5.430	ug/L	100
52) Ethylbenzene	9.569	91	287886	5.700	ug/L	100
53) m,p-Xylene	9.695	106	107477	5.615	ug/L	100
54) o-Xylene	10.100	106	102803	5.740	ug/L	100
55) Styrene	10.116	104	172493	5.715	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.782	83	52236	5.254	ug/L	100
59) Bromoform	10.290	173	24889	4.283	ug/L	100
60) Isopropylbenzene	10.483	105	289333	5.821	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	37839	5.030	ug/L	100
62) 1,3,5-Trimethylbenzene	11.087	105	247044	5.919	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	233422	5.892	ug/L	100
64) 1,3-Dichlorobenzene	11.746	146	131392	5.344	ug/L	100
65) 1,4-Dichlorobenzene	11.836	146	130211	5.329	ug/L	100
67) 1,2-Dichlorobenzene	12.212	146	121094	5.353	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.997	75	7711	4.299	ug/L	100
69) 1,3,5-Trichlorobenzene	13.219	180	87467	4.877	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	67022	4.679	ug/L	100
71) Naphthalene	14.087	128	96565	4.320	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	54784	4.350	ug/L	100

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

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