

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054917.D
 Acq On : 28 Aug 2023 10:49
 Operator : MD/SY
 Sample : VSTD01046
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010046

Quant Time: Aug 29 02:49:12 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	204866	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	193265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	110713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	64854	4.726	ug/L	0.00
7) Chloroethane-d5	1.907	69	83284	6.950	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	35851	6.147	ug/L	0.00
20) 2-Butanone-d5	4.621	46	361643	103.664	ug/L	0.00
24) Chloroform-d	5.058	84	243788	9.081	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	131008	9.269	ug/L	0.00
32) Benzene-d6	5.724	84	455486	9.164	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	161029	10.020	ug/L	0.00
41) Toluene-d8	7.894	98	443967	9.556	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	54110	8.645	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	267965	109.333	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	136895	10.460	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	181107	9.530	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	130111	8.401	ug/L	99
3) Chloromethane	1.518	50	137024	8.033	ug/L	98
5) Vinyl chloride	1.602	62	143062	8.543	ug/L	100
6) Bromomethane	1.853	94	90613	8.850	ug/L	97
8) Chloroethane	1.930	64	91100	9.325	ug/L	97
9) Trichlorofluoromethane	2.136	101	202367	9.130	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	105181	9.328	ug/L	96
12) 1,1-Dichloroethene	2.576	96	93864	9.047	ug/L	94
13) Acetone	2.631	43	172137	94.282	ug/L	99
14) Carbon disulfide	2.788	76	261221	7.752	ug/L	96
15) Methyl Acetate	2.949	43	40789	9.177	ug/L	100
16) Methylene chloride	3.042	84	111672	7.277	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	275245	10.871	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	100696	9.348	ug/L	95
19) 1,1-Dichloroethane	3.866	63	218069	10.274	ug/L	99
21) 2-Butanone	4.705	43	296519	107.074	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	126369	10.465	ug/L	95
23) Bromochloromethane	4.972	128	51737	9.857	ug/L	94
25) Chloroform	5.084	83	232556	10.359	ug/L	100
27) 1,2-Dichloroethane	5.792	62	146477	10.270	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	196726	10.427	ug/L	100
30) Cyclohexane	5.386	56	179600	10.626	ug/L	97
31) Carbon tetrachloride	5.521	117	169040	10.069	ug/L	99
33) Benzene	5.772	78	483757	10.924	ug/L	100
34) Trichloroethene	6.541	95	130965	10.515	ug/L	95
35) Methylcyclohexane	6.759	83	195167	11.137	ug/L	98
37) 1,2-Dichloropropane	6.788	63	133357	11.334	ug/L	99
38) Bromodichloromethane	7.103	83	163463	10.893	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	198685	11.333	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	769438	117.802	ug/L	100
42) Toluene	7.968	91	538617	11.414	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	167349	11.229	ug/L	99

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45) 1,1,2-Trichloroethane	8.396	97	90774	10.771	ug/L	96
47) Tetrachloroethene	8.550	164	96262	9.861	ug/L	93
48) 2-Hexanone	8.682	43	579881	123.549	ug/L	100
49) Dibromochloromethane	8.807	129	105390	11.045	ug/L	88
50) 1,2-Dibromoethane	8.920	107	87343	10.999	ug/L #	98
51) Chlorobenzene	9.444	112	355258	11.693	ug/L	98
52) Ethylbenzene	9.570	91	618344	12.010	ug/L	98
53) m,p-Xylene	9.692	106	234459	12.016	ug/L	99
54) o-Xylene	10.097	106	227726	12.475	ug/L	100
55) Styrene	10.113	104	383836	12.477	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	114251	11.274	ug/L	99
59) Bromoform	10.290	173	60873	9.707	ug/L	94
60) Isopropylbenzene	10.483	105	623705	11.629	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	82913	10.213	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	549628	12.203	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	526529	12.316	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	286343	10.793	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	289732	10.989	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	267230	10.947	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	17597	9.092	ug/L	90
69) 1,3,5-Trichlorobenzene	13.219	180	201098	10.390	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	159019	10.287	ug/L	96
71) Naphthalene	14.084	128	250294	10.377	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	133911	9.853	ug/L	100

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

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