

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070723\
 Data File : VU054774.D
 Acq On : 07 Jul 2023 10:23
 Operator : MD/SY
 Sample : VSTD01040
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010040

Quant Time: Jul 08 07:41:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 08 07:39:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	225437	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	217667	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	119844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	189536	11.140	ug/L	0.00
7) Chloroethane-d5	1.904	69	158241	11.117	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	77796	11.196	ug/L	0.00
20) 2-Butanone-d5	4.621	46	444020	114.854	ug/L	0.00
24) Chloroform-d	5.058	84	335616	11.073	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	178472	11.263	ug/L	0.00
32) Benzene-d6	5.721	84	656844	11.368	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	203175	11.088	ug/L	0.00
41) Toluene-d8	7.894	98	621670	11.544	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	84371	11.441	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	339217	120.068	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	164503	11.141	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	230361	11.032	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	182704	10.434	ug/L	100
3) Chloromethane	1.518	50	199929	10.223	ug/L	100
5) Vinyl chloride	1.602	62	197699	10.401	ug/L	98
6) Bromomethane	1.849	94	116183	10.058	ug/L	98
8) Chloroethane	1.923	64	112945	10.387	ug/L	98
9) Trichlorofluoromethane	2.129	101	264174	10.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	130669	10.560	ug/L	99
12) 1,1-Dichloroethene	2.573	96	122343	10.607	ug/L	92
13) Acetone	2.631	43	203378	100.739	ug/L	100
14) Carbon disulfide	2.788	76	411771	10.603	ug/L	97
15) Methyl Acetate	2.949	43	51987	10.412	ug/L	100
16) Methylene chloride	3.039	84	141603	8.295	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	293771	10.796	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	124610	10.492	ug/L	100
19) 1,1-Dichloroethane	3.862	63	243652	10.583	ug/L	96
21) 2-Butanone	4.701	43	328533	107.986	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	141210	10.920	ug/L	97
23) Bromochloromethane	4.968	128	61000	10.605	ug/L	97
25) Chloroform	5.084	83	251983	10.441	ug/L	99
27) 1,2-Dichloroethane	5.788	62	161058	10.332	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	223877	10.660	ug/L	98
30) Cyclohexane	5.383	56	205762	11.013	ug/L	98
31) Carbon tetrachloride	5.518	117	199417	10.579	ug/L	99
33) Benzene	5.769	78	535841	10.935	ug/L	100
34) Trichloroethene	6.537	95	141235	10.296	ug/L	98
35) Methylcyclohexane	6.759	83	216245	11.275	ug/L	98
37) 1,2-Dichloropropane	6.788	63	136577	10.621	ug/L	98
38) Bromodichloromethane	7.100	83	177425	10.740	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	211715	11.006	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	800608	111.083	ug/L	99
42) Toluene	7.965	91	575690	11.085	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	185145	11.132	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	101291	11.000	ug/L	97
47) Tetrachloroethene	8.550	164	113252	10.195	ug/L	99
48) 2-Hexanone	8.679	43	582100	112.161	ug/L	98
49) Dibromochloromethane	8.807	129	113815	10.619	ug/L	96
50) 1,2-Dibromoethane	8.920	107	94498	10.755	ug/L	97
51) Chlorobenzene	9.444	112	357633	10.750	ug/L	98
52) Ethylbenzene	9.566	91	623382	11.212	ug/L	98
53) m,p-Xylene	9.692	106	239667	11.285	ug/L	96
54) o-Xylene	10.097	106	232766	11.734	ug/L	96
55) Styrene	10.110	104	400087	11.929	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	121699	10.840	ug/L	100
59) Bromoform	10.286	173	72174	10.295	ug/L #	99
60) Isopropylbenzene	10.479	105	625159	11.242	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	88611	10.146	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	522580	11.328	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	509660	11.561	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	294124	10.503	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	290666	10.421	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	275353	10.699	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	21296	10.021	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	226265	10.810	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	186707	11.102	ug/L	100
71) Naphthalene	14.081	128	307099	11.564	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	172881	11.497	ug/L	99

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

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