

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047532.D
 Acq On : 14 Mar 2022 13:47
 Operator : SY/MD
 Sample : VSTD00120
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001020

Quant Time: Mar 15 05:15:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:13:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	655063	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	658524	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	385635	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	10410	0.243	ug/L	0.00
7) Chloroethane-d5	1.919	69	9286	0.239	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	4779	0.238	ug/L	0.00
20) 2-Butanone-d5	4.649	46	27406	2.223	ug/L	0.00
24) Chloroform-d	5.070	84	22449	0.239	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	11862	0.233	ug/L	0.00
32) Benzene-d6	5.732	84	43606	0.227	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	13805	0.229	ug/L	0.00
41) Toluene-d8	7.899	98	40371	0.225	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	5312	0.210	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	26310	2.003	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	13341	0.222	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	16855	0.209	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	8358	0.207	ug/L	98
3) Chloromethane	1.527	50	8970	0.227	ug/L	98
5) Vinyl chloride	1.607	62	9173	0.225	ug/L	94
6) Bromomethane	1.864	94	4268	0.223	ug/L	98
8) Chloroethane	1.941	64	5361	0.218	ug/L	94
9) Trichlorofluoromethane	2.144	101	11614	0.217	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	6870	0.204	ug/L	99
12) 1,1-Dichloroethene	2.588	96	7000	0.215	ug/L	94
14) Carbon disulfide	2.800	76	21466	0.219	ug/L	99
15) Methyl Acetate	2.967	43	2795	0.211	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	18263	0.218	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	7941	0.226	ug/L	90
19) 1,1-Dichloroethane	3.874	63	13827	0.224	ug/L	99
21) 2-Butanone	4.735	43	19110	2.090	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	8536	0.219	ug/L	97
23) Bromochloromethane	4.983	128	4119	0.209	ug/L	92
27) 1,2-Dichloroethane	5.800	62	9512	0.219	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	12874	0.220	ug/L	98
30) Cyclohexane	5.395	56	9648	0.191	ug/L	97
31) Carbon tetrachloride	5.530	117	10826	0.210	ug/L	100
33) Benzene	5.777	78	31778	0.214	ug/L	100
34) Trichloroethene	6.546	95	8598	0.218	ug/L	97
35) Methylcyclohexane	6.767	83	10661	0.188	ug/L	97
37) 1,2-Dichloropropane	6.793	63	8350	0.219	ug/L	99
38) Bromodichloromethane	7.108	83	11229	0.214	ug/L #	99
39) cis-1,3-Dichloropropene	7.610	75	11424	0.193	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	53291	2.005	ug/L	98
42) Toluene	7.970	91	33694	0.209	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	10488	0.198	ug/L	91
45) 1,1,2-Trichloroethane	8.401	97	6981	0.214	ug/L	97
49) Dibromochloromethane	8.809	129	8291	0.206	ug/L	90
50) 1,2-Dibromoethane	8.925	107	6907	0.214	ug/L #	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Chlorobenzene	9.449	112	23800	0.216	ug/L	98
52) Ethylbenzene	9.571	91	35198	0.206	ug/L	99
53) m,p-Xylene	9.693	106	13532	0.205	ug/L	96
54) o-Xylene	10.102	106	12746	0.195	ug/L	99
55) Styrene	10.115	104	21812	0.195	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	8768	0.200	ug/L	99
59) Bromoform	10.291	173	5512	0.203	ug/L	99
60) Isopropylbenzene	10.484	105	33566	0.193	ug/L	97
61) 1,2,3-Trichloropropane	10.825	75	6488	0.201	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	20245	0.182	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	25212	0.175	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	19088	0.196	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	20127	0.203	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	18816	0.196	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	1478	0.190	ug/L	85
69) 1,3,5-Trichlorobenzene	13.217	180	15502	0.189	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	13319	0.184	ug/L	99
71) Naphthalene	14.085	128	20932	0.156	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	12265	0.177	ug/L	97

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

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