

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047154.D
 Acq On : 16 Feb 2022 11:01
 Operator : SY/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001060

Quant Time: Feb 16 13:47:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:39:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	180251	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	183599	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	106778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	13162	0.927	ug/L	0.00
7) Chloroethane-d5	1.922	69	10816	0.967	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	5432	0.907	ug/L	0.00
20) 2-Butanone-d5	4.655	46	31376	7.619	ug/L	0.00
24) Chloroform-d	5.070	84	22345	0.859	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	12433	0.836	ug/L	0.00
32) Benzene-d6	5.735	84	44764	0.875	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	14103	0.917	ug/L	0.00
41) Toluene-d8	7.902	98	44635	0.961	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	6210	0.873	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	32854	7.867	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	12668	0.803	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	16118	0.819	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	14746	0.535	ug/L	99
3) Chloromethane	1.526	50	16680	0.702	ug/L	98
5) Vinyl chloride	1.610	62	16439	0.703	ug/L	100
6) Bromomethane	1.864	94	9324	0.662	ug/L	96
8) Chloroethane	1.941	64	9422	0.686	ug/L	99
9) Trichlorofluoromethane	2.147	101	19753	0.646	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	11969	0.769	ug/L	95
12) 1,1-Dichloroethene	2.588	96	11814	0.745	ug/L	87
13) Acetone	2.671	43	18023	4.668	ug/L	91
14) Carbon disulfide	2.803	76	38462	0.743	ug/L	99
15) Methyl Acetate	2.970	43	4444	0.570	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	31715	0.686	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	12489	0.738	ug/L	93
19) 1,1-Dichloroethane	3.877	63	21914	0.703	ug/L	99
21) 2-Butanone	4.729	43	33553	5.728	ug/L	95
22) cis-1,2-Dichloroethene	4.677	96	13471	0.729	ug/L	96
23) Bromochloromethane	4.986	128	6395	0.695	ug/L	89
25) Chloroform	5.095	83	23752	0.706	ug/L	98
27) 1,2-Dichloroethane	5.803	62	15798	0.657	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	19663	0.648	ug/L	100
30) Cyclohexane	5.394	56	21410	0.853	ug/L	98
31) Carbon tetrachloride	5.530	117	16881	0.663	ug/L	98
33) Benzene	5.780	78	51518	0.706	ug/L	100
34) Trichloroethene	6.549	95	13717	0.713	ug/L	95
35) Methylcyclohexane	6.767	83	22697	0.837	ug/L	99
37) 1,2-Dichloropropane	6.796	63	13595	0.731	ug/L	# 97
38) Bromodichloromethane	7.111	83	16960	0.658	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	20252	0.719	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	95224	6.817	ug/L	99
42) Toluene	7.973	91	56879	0.760	ug/L	97
44) trans-1,3-Dichloropropene	8.214	75	18004	0.690	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	10405	0.648	ug/L	97

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47) Tetrachloroethene	8.558	164	11194	0.823	ug/L	95
48) 2-Hexanone	8.690	43	69861	6.697	ug/L	98
49) Dibromochloromethane	8.812	129	11795	0.637	ug/L	100
50) 1,2-Dibromoethane	8.928	107	10485	0.677	ug/L	99
51) Chlorobenzene	9.449	112	36805	0.769	ug/L	99
52) Ethylbenzene	9.574	91	61922	0.799	ug/L	97
53) m,p-Xylene	9.697	106	24442	0.823	ug/L	97
54) o-Xylene	10.102	106	23466	0.822	ug/L	98
55) Styrene	10.115	104	38293	0.774	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	13546	0.646	ug/L	94
59) Bromoform	10.295	173	7508	0.609	ug/L	95
60) Isopropylbenzene	10.484	105	60895	0.739	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	10151	0.572	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	40759	0.595	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	51928	0.753	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	29720	0.742	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	30254	0.738	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	28055	0.699	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	2393	0.583	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	24208	0.799	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	22068	0.860	ug/L	97
71) Naphthalene	14.089	128	44674	0.784	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	21100	0.831	ug/L	98

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

