

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047042.D
 Acq On : 04 Feb 2022 13:04
 Operator : SY/MD
 Sample : VSTD00555
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005055

Quant Time: Feb 05 01:00:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 00:59:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94920	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111566	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	62077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	63807	7.130	ug/L	0.00
7) Chloroethane-d5	1.919	69	49175	7.033	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	24239	6.946	ug/L	0.00
20) 2-Butanone-d5	4.632	46	129415	54.495	ug/L	0.00
24) Chloroform-d	5.066	84	103035	6.697	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	52985	6.438	ug/L	0.00
32) Benzene-d6	5.732	84	206602	6.007	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	61592	5.977	ug/L	0.00
41) Toluene-d8	7.899	98	193210	6.121	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	25375	5.680	ug/L	0.00
46) 2-Hexanone-d5	8.635	63	112704	45.956	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54775	5.460	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	66385	5.542	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	45412	5.143	ug/L	100
3) Chloromethane	1.526	50	54902	6.883	ug/L	100
5) Vinyl chloride	1.607	62	55434	6.743	ug/L	100
6) Bromomethane	1.861	94	30685	6.155	ug/L	100
8) Chloroethane	1.938	64	33483	6.974	ug/L	100
9) Trichlorofluoromethane	2.144	101	71392	6.999	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	42348	6.997	ug/L	100
12) 1,1-Dichloroethene	2.584	96	37788	6.679	ug/L	100
13) Acetone	2.645	43	72683	55.566	ug/L	100
14) Carbon disulfide	2.800	76	112120	6.167	ug/L	100
15) Methyl Acetate	2.960	43	15383	5.347	ug/L	100
16) Methylene chloride	3.051	84	43552	6.379	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	79182	5.337	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	37134	6.173	ug/L	100
19) 1,1-Dichloroethane	3.877	63	71848	6.895	ug/L	100
21) 2-Butanone	4.713	43	105753	50.836	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	41112	6.451	ug/L	100
23) Bromochloromethane	4.980	128	19332	6.220	ug/L	100
25) Chloroform	5.092	83	76875	4.950	ug/L	100
27) 1,2-Dichloroethane	5.796	62	46679	6.532	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	63583	6.096	ug/L	100
30) Cyclohexane	5.394	56	52032	5.159	ug/L	100
31) Carbon tetrachloride	5.529	117	53196	5.948	ug/L	100
33) Benzene	5.777	78	160816	5.930	ug/L	100
34) Trichloroethene	6.546	95	39232	5.649	ug/L	100
35) Methylcyclohexane	6.767	83	57081	5.075	ug/L	100
37) 1,2-Dichloropropane	6.793	63	42911	6.327	ug/L	100
38) Bromodichloromethane	7.108	83	53768	5.604	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	54039	5.371	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	233701	50.798	ug/L	100
42) Toluene	7.973	91	176866	5.462	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	49715	5.518	ug/L	100

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45) 1,1,2-Trichloroethane	8.401	97	32681	5.833	ug/L	100
47) Tetrachloroethene	8.555	164	31450	5.606	ug/L	100
48) 2-Hexanone	8.687	43	191082	54.166	ug/L	100
49) Dibromochloromethane	8.812	129	36339	5.531	ug/L	100
50) 1,2-Dibromoethane	8.925	107	29200	5.285	ug/L	100
51) Chlorobenzene	9.449	112	108007	5.780	ug/L	100
52) Ethylbenzene	9.574	91	167835	5.575	ug/L	100
53) m,p-Xylene	9.697	106	66799	5.584	ug/L	100
54) o-Xylene	10.105	106	64098	5.517	ug/L	100
55) Styrene	10.118	104	112956	5.877	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	41360	5.565	ug/L	100
59) Bromoform	10.291	173	19470	5.153	ug/L	100
60) Isopropylbenzene	10.488	105	163753	5.630	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	29439	5.548	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	117817	5.073	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	122931	5.137	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	84883	5.743	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	88507	5.898	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	81348	5.704	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	5546	5.170	ug/L	100
69) 1,3,5-Trichlorobenzene	13.221	180	61498	5.359	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	49134	5.209	ug/L	100
71) Naphthalene	14.089	128	82863	4.463	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	48857	5.408	ug/L	100

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

