

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122022\
 Data File : VU052463.D
 Acq On : 20 Dec 2022 17:08
 Operator : JC/MD
 Sample : VSTD01077
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010077

Quant Time: Dec 21 03:25:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 21 03:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	179709	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	174883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	93224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	187293	10.287	ug/L	0.00
7) Chloroethane-d5	1.916	69	157659	10.041	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	79450	10.141	ug/L	0.00
20) 2-Butanone-d5	4.649	46	609746	108.260	ug/L	0.00
24) Chloroform-d	5.060	84	310421	10.106	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	178593	10.023	ug/L	0.00
32) Benzene-d6	5.726	84	630885	10.522	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	211696	10.257	ug/L	0.00
41) Toluene-d8	7.893	98	561037	11.146	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	78703	11.136	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	467969	121.025	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	183376	10.465	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	191939	10.113	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	164240	10.271	ug/L	100
3) Chloromethane	1.520	50	225382	9.765	ug/L	99
5) Vinyl chloride	1.604	62	215265	10.288	ug/L	99
6) Bromomethane	1.858	94	119351	10.006	ug/L	99
8) Chloroethane	1.935	64	134163	9.362	ug/L	96
9) Trichlorofluoromethane	2.141	101	244431	10.333	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	142519	10.135	ug/L	100
12) 1,1-Dichloroethene	2.581	96	138675	10.304	ug/L	96
13) Acetone	2.678	43	391208	93.394	ug/L	98
14) Carbon disulfide	2.793	76	446580	10.298	ug/L	99
15) Methyl Acetate	2.964	43	100203	11.041	ug/L	94
16) Methylene chloride	3.044	84	168739	8.875	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	380513	10.591	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	143926	10.376	ug/L	97
19) 1,1-Dichloroethane	3.867	63	309721	10.267	ug/L	99
21) 2-Butanone	4.726	43	684019	112.865	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	159534	10.480	ug/L	96
23) Bromochloromethane	4.973	128	73531	10.423	ug/L	98
25) Chloroform	5.083	83	294866	10.089	ug/L	100
27) 1,2-Dichloroethane	5.790	62	206478	10.225	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	231323	10.509	ug/L	99
30) Cyclohexane	5.388	56	271353	11.408	ug/L	99
31) Carbon tetrachloride	5.523	117	200939	10.389	ug/L	100
33) Benzene	5.771	78	670348	10.642	ug/L	100
34) Trichloroethene	6.539	95	154176	10.470	ug/L	98
35) Methylcyclohexane	6.761	83	259842	11.701	ug/L	97
37) 1,2-Dichloropropane	6.787	63	188565	10.728	ug/L	99
38) Bromodichloromethane	7.102	83	219245	10.248	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	245151	11.012	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	1487293	115.789	ug/L	98
42) Toluene	7.967	91	675109	11.178	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	219961	11.212	ug/L	97

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45) 1,1,2-Trichloroethane	8.394	97	129957	10.439	ug/L	99
47) Tetrachloroethene	8.549	164	108964	10.600	ug/L	99
48) 2-Hexanone	8.684	43	1109870	115.771	ug/L	100
49) Dibromochloromethane	8.806	129	140960	10.693	ug/L	100
50) 1,2-Dibromoethane	8.922	107	119460	10.556	ug/L #	99
51) Chlorobenzene	9.443	112	403097	10.451	ug/L	98
52) Ethylbenzene	9.565	91	712432	11.398	ug/L	99
53) m,p-Xylene	9.690	106	271773	11.792	ug/L	99
54) o-Xylene	10.095	106	259277	11.735	ug/L	99
55) Styrene	10.108	104	463868	12.068	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	182171	10.585	ug/L	99
59) Bromoform	10.285	173	79650	9.724	ug/L	98
60) Isopropylbenzene	10.481	105	680748	11.267	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	131174	9.810	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	570935	11.457	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	584302	11.647	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	310509	10.358	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	311972	10.062	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	303003	10.229	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	29840	9.859	ug/L	91
69) 1,3,5-Trichlorobenzene	13.214	180	229779	10.409	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	196804	10.595	ug/L	98
71) Naphthalene	14.082	128	420123	11.178	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	196240	10.540	ug/L	99

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

