

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049049.D
 Acq On : 11 Jun 2022 12:55
 Operator : SY/MD
 Sample : VSTD00127
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001027

Quant Time: Jun 13 01:06:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:05:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	153653	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	144571	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68479	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	6695	0.712	ug/L	0.00
7) Chloroethane-d5	1.916	69	7180	0.813	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	3239	0.717	ug/L	0.00
20) 2-Butanone-d5	4.645	46	28077	9.230	ug/L	0.00
24) Chloroform-d	5.067	84	20925	0.949	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	10998	0.910	ug/L	0.00
32) Benzene-d6	5.729	84	35316	0.850	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	12799	0.971	ug/L	0.00
41) Toluene-d8	7.899	98	29329	0.769	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	3862	0.728	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	17827	6.366	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	9932	0.767	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	11689	0.832	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	16729	1.495	ug/L	95
3) Chloromethane	1.523	50	15471	1.482	ug/L	98
5) Vinyl chloride	1.604	62	14172	1.357	ug/L	96
6) Bromomethane	1.858	94	7909	1.507	ug/L	99
8) Chloroethane	1.935	64	7133	1.171	ug/L	100
9) Trichlorofluoromethane	2.141	101	17777	1.291	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	9140	1.102	ug/L	95
12) 1,1-Dichloroethene	2.581	96	9575	1.197	ug/L	98
13) Acetone	2.652	43	15015	11.554	ug/L	69
14) Carbon disulfide	2.797	76	31870	1.271	ug/L	100
15) Methyl Acetate	2.964	43	3840	1.117	ug/L	96
16) Methylene chloride	3.051	84	12172	1.056	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	23105	1.117	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	10139	1.168	ug/L	96
19) 1,1-Dichloroethane	3.874	63	19749	1.273	ug/L	90
21) 2-Butanone	4.723	43	28177	11.968	ug/L	90
22) cis-1,2-Dichloroethene	4.668	96	11492	1.199	ug/L	86
23) Bromochloromethane	4.980	128	5042	1.065	ug/L	84
25) Chloroform	5.092	83	20643	1.224	ug/L	88
27) 1,2-Dichloroethane	5.797	62	13656	1.251	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	17811	1.279	ug/L	95
30) Cyclohexane	5.391	56	15238	1.269	ug/L	98
31) Carbon tetrachloride	5.523	117	15928	1.303	ug/L	100
33) Benzene	5.777	78	41512	1.202	ug/L	100
34) Trichloroethene	6.542	95	10817	1.188	ug/L	98
35) Methylcyclohexane	6.764	83	15434	1.162	ug/L	100
37) 1,2-Dichloropropane	6.796	63	10838	1.213	ug/L #	97
38) Bromodichloromethane	7.105	83	15193	1.249	ug/L	95
39) cis-1,3-Dichloropropene	7.607	75	12848	0.950	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	61474	10.073	ug/L	97
42) Toluene	7.970	91	41347	1.110	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	12194	1.010	ug/L	96

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45) 1,1,2-Trichloroethane	8.401	97	7666	1.049	ug/L	90
47) Tetrachloroethene	8.555	164	8837	1.161	ug/L	92
48) 2-Hexanone	8.690	43	47327	10.237	ug/L	96
49) Dibromochloromethane	8.809	129	9843	1.087	ug/L	91
50) 1,2-Dibromoethane	8.928	107	7310	1.011	ug/L #	97
51) Chlorobenzene	9.446	112	27902	1.110	ug/L	97
52) Ethylbenzene	9.568	91	38319	0.979	ug/L	99
53) m,p-Xylene	9.693	106	14840	0.964	ug/L	96
54) o-Xylene	10.102	106	14907	0.990	ug/L	98
55) Styrene	10.115	104	24656	0.954	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	9845	1.008	ug/L	96
59) Bromoform	10.288	173	5294	1.072	ug/L	95
60) Isopropylbenzene	10.484	105	37463	1.120	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	7077	1.161	ug/L	92
62) 1,3,5-Trimethylbenzene	11.089	105	29909	1.296	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	28561	1.025	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	19563	1.087	ug/L	92
65) 1,4-Dichlorobenzene	11.838	146	19376	1.064	ug/L	93
67) 1,2-Dichlorobenzene	12.214	146	19185	1.077	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	1710	1.185	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.221	180	14642	0.982	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	11186	0.873	ug/L	100
71) Naphthalene	14.089	128	17548	0.749	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	9877	0.800	ug/L	98

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

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