

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049107.D
 Acq On : 14 Jun 2022 11:55
 Operator : SY/MD
 Sample : VSTD01035
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010035

Quant Time: Jun 15 02:50:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 02:48:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	146031	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	132224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68511	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	133975	17.484	ug/L	0.00
7) Chloroethane-d5	1.912	69	90323	12.250	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	51643	14.109	ug/L	0.00
20) 2-Butanone-d5	4.633	46	410896	127.968	ug/L	0.00
24) Chloroform-d	5.063	84	209696	10.104	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	116649	10.238	ug/L	0.00
32) Benzene-d6	5.729	84	415918	11.478	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	141775	11.405	ug/L	0.00
41) Toluene-d8	7.899	98	379039	12.257	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	64337	14.393	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	281231	125.224	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	120268	11.319	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	135273	10.552	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	135828	8.832	ug/L	99
3) Chloromethane	1.520	50	141577	10.025	ug/L	99
5) Vinyl chloride	1.604	62	132970	10.269	ug/L	99
6) Bromomethane	1.858	94	70773	9.551	ug/L	99
8) Chloroethane	1.935	64	72359	10.286	ug/L	97
9) Trichlorofluoromethane	2.137	101	157497	9.441	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	92140	10.260	ug/L	100
12) 1,1-Dichloroethene	2.578	96	87901	9.893	ug/L	90
13) Acetone	2.649	43	177862	108.792	ug/L	92
14) Carbon disulfide	2.793	76	288001	9.478	ug/L	99
15) Methyl Acetate	2.957	43	46922	10.688	ug/L	98
16) Methylene chloride	3.044	84	100594	9.131	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	270709	10.961	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	94778	9.765	ug/L	95
19) 1,1-Dichloroethane	3.871	63	190795	10.133	ug/L	97
21) 2-Butanone	4.713	43	380271	128.268	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	106498	9.223	ug/L	97
23) Bromochloromethane	4.977	128	47447	9.577	ug/L	97
25) Chloroform	5.089	83	189071	9.567	ug/L	98
27) 1,2-Dichloroethane	5.793	62	128606	9.776	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	168783	10.064	ug/L	100
30) Cyclohexane	5.388	56	193144	12.638	ug/L	99
31) Carbon tetrachloride	5.526	117	145195	9.867	ug/L	98
33) Benzene	5.774	78	424223	10.585	ug/L	100
34) Trichloroethene	6.542	95	110022	10.648	ug/L	98
35) Methylcyclohexane	6.764	83	187209	11.955	ug/L	99
37) 1,2-Dichloropropane	6.790	63	115399	10.926	ug/L	99
38) Bromodichloromethane	7.105	83	144421	10.363	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	179825	12.151	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	920729	132.696	ug/L	100
42) Toluene	7.970	91	446016	10.985	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	154733	11.775	ug/L	96

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45) 1,1,2-Trichloroethane	8.401	97	80002	10.730	ug/L	97
47) Tetrachloroethene	8.552	164	75530	9.457	ug/L	95
48) 2-Hexanone	8.684	43	669925	131.339	ug/L	98
49) Dibromochloromethane	8.809	129	94034	10.068	ug/L	99
50) 1,2-Dibromoethane	8.925	107	78683	10.750	ug/L	99
51) Chlorobenzene	9.446	112	271854	10.291	ug/L	98
52) Ethylbenzene	9.568	91	490967	11.607	ug/L	99
53) m,p-Xylene	9.693	106	181604	10.763	ug/L	97
54) o-Xylene	10.099	106	180089	10.993	ug/L	96
55) Styrene	10.115	104	303933	11.145	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	110461	11.378	ug/L	100
59) Bromoform	10.291	173	55988	9.975	ug/L	100
60) Isopropylbenzene	10.484	105	482980	11.227	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	80034	10.726	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	425523	11.669	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	429981	11.827	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	209553	10.065	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	205287	10.076	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	199449	9.944	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	21727	11.799	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	160409	10.249	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	134715	10.856	ug/L	97
71) Naphthalene	14.086	128	277258	11.073	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	128758	10.949	ug/L	100

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

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