

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049955.D
 Acq On : 27 Jul 2022 17:39
 Operator : SY/MD
 Sample : VSTD02048
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020048

Quant Time: Jul 28 03:13:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:10:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	113206	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	108190	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	198531	19.937	ug/L	0.00
7) Chloroethane-d5	1.903	69	127110	18.741	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.559	65	71225	18.237	ug/L	0.00
20) 2-Butanone-d5	4.626	46	488263	188.191	ug/L	0.00
24) Chloroform-d	5.063	84	334935	21.354	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	162940	19.282	ug/L	0.00
32) Benzene-d6	5.726	84	687073	20.977	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	223040	20.314	ug/L	0.00
41) Toluene-d8	7.896	98	624064	21.198	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	85689	18.183	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	362246	191.525	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	187928	20.957	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	212504	20.563	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	169371	17.619	ug/L	98
3) Chloromethane	1.520	50	189412	18.014	ug/L	99
5) Vinyl chloride	1.601	62	190259	19.797	ug/L	98
6) Bromomethane	1.851	94	96331	18.410	ug/L	100
8) Chloroethane	1.925	64	99278	17.835	ug/L	97
9) Trichlorofluoromethane	2.131	101	225322	19.930	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	132958	19.939	ug/L	99
12) 1,1-Dichloroethene	2.575	96	127780	19.993	ug/L	96
13) Acetone	2.636	43	252505	191.739	ug/L	97
14) Carbon disulfide	2.787	76	351883	17.221	ug/L	100
15) Methyl Acetate	2.951	43	66879	19.579	ug/L	99
16) Methylene chloride	3.041	84	169175	19.539	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	380214	20.203	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	142896	20.340	ug/L	97
19) 1,1-Dichloroethane	3.867	63	284608	20.440	ug/L	99
21) 2-Butanone	4.707	43	462406	187.907	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	174861	21.831	ug/L	99
23) Bromochloromethane	4.973	128	77439	22.363	ug/L	99
25) Chloroform	5.086	83	298468	21.016	ug/L	97
27) 1,2-Dichloroethane	5.793	62	176224	19.364	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	238900	18.820	ug/L	98
30) Cyclohexane	5.385	56	215672	15.548	ug/L	98
31) Carbon tetrachloride	5.523	117	193542	18.277	ug/L	98
33) Benzene	5.774	78	659374	20.548	ug/L	100
34) Trichloroethene	6.539	95	160471	19.770	ug/L	97
35) Methylcyclohexane	6.761	83	229470	17.401	ug/L	98
37) 1,2-Dichloropropane	6.790	63	178937	20.276	ug/L	99
38) Bromodichloromethane	7.105	83	220468	20.565	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	253704	19.606	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	1115453	177.076	ug/L	98
42) Toluene	7.970	91	693880	20.458	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	212853	18.954	ug/L	96

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45) 1,1,2-Trichloroethane	8.401	97	133624	21.268	ug/L	99
47) Tetrachloroethene	8.552	164	113072	20.095	ug/L	96
48) 2-Hexanone	8.684	43	829495	182.540	ug/L	99
49) Dibromochloromethane	8.809	129	149100	21.107	ug/L	100
50) 1,2-Dibromoethane	8.925	107	120746	21.156	ug/L	96
51) Chlorobenzene	9.446	112	427956	20.633	ug/L	100
52) Ethylbenzene	9.568	91	729017	20.113	ug/L	99
53) m,p-Xylene	9.693	106	277530	20.580	ug/L	99
54) o-Xylene	10.099	106	277115	20.695	ug/L	95
55) Styrene	10.115	104	484152	21.514	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	176349	21.323	ug/L	98
59) Bromoform	10.292	173	87736	21.427	ug/L	99
60) Isopropylbenzene	10.484	105	715769	19.916	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	120634	19.676	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	610419	19.566	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	610015	19.828	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	322288	20.459	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	316913	20.360	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	318070	21.101	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	26864	16.809	ug/L	83
69) 1,3,5-Trichlorobenzene	13.217	180	238014	20.517	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	201412	21.826	ug/L	99
71) Naphthalene	14.086	128	431465	23.688	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	201591	22.989	ug/L	100

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

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