

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050059.D
 Acq On : 04 Aug 2022 11:23
 Operator : SY/MD
 Sample : VSTD00552
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005052

Quant Time: Aug 05 04:29:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:27:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	105726	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	102553	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48027	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41443	4.710	ug/L	0.00
7) Chloroethane-d5	1.912	69	33701	4.748	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	16222	4.717	ug/L	0.00
20) 2-Butanone-d5	4.642	46	108801	50.708	ug/L	0.00
24) Chloroform-d	5.063	84	78894	4.821	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	38369	4.566	ug/L	0.00
32) Benzene-d6	5.726	84	155517	4.859	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	50951	4.835	ug/L	0.00
41) Toluene-d8	7.896	98	140331	4.965	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	18307	4.848	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	65970	49.260	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44304	4.787	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	43229	4.594	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	45011	4.644	ug/L	100
3) Chloromethane	1.520	50	58377	4.604	ug/L	100
5) Vinyl chloride	1.601	62	54236	4.775	ug/L	100
6) Bromomethane	1.858	94	33544	4.626	ug/L	100
8) Chloroethane	1.932	64	31643	4.728	ug/L	100
9) Trichlorofluoromethane	2.134	101	58095	4.670	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	31457	4.546	ug/L	100
12) 1,1-Dichloroethene	2.575	96	32552	4.454	ug/L	100
13) Acetone	2.649	43	55625	46.551	ug/L	100
14) Carbon disulfide	2.787	76	122233	4.683	ug/L	100
15) Methyl Acetate	2.961	43	14961	4.586	ug/L	100
16) Methylene chloride	3.041	84	45479	4.073	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	91183	4.781	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	39524	4.830	ug/L	100
19) 1,1-Dichloroethane	3.867	63	73868	4.767	ug/L	100
21) 2-Butanone	4.719	43	105291	49.002	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	42873	4.721	ug/L	100
23) Bromochloromethane	4.977	128	21076	4.855	ug/L	100
25) Chloroform	5.089	83	76875	4.654	ug/L	100
27) 1,2-Dichloroethane	5.797	62	48145	4.789	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	61153	4.861	ug/L	100
30) Cyclohexane	5.385	56	51730	4.719	ug/L	100
31) Carbon tetrachloride	5.523	117	49735	4.823	ug/L	100
33) Benzene	5.774	78	175380	4.881	ug/L	100
34) Trichloroethene	6.542	95	40814	4.697	ug/L	100
35) Methylcyclohexane	6.764	83	52926	4.718	ug/L	100
37) 1,2-Dichloropropane	6.790	63	46739	4.883	ug/L	100
38) Bromodichloromethane	7.105	83	55996	4.817	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	60795	4.867	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	273121	49.269	ug/L	100
42) Toluene	7.970	91	179647	4.985	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	50983	4.759	ug/L	100

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45) 1,1,2-Trichloroethane	8.401	97	34694	4.849	ug/L	100
47) Tetrachloroethene	8.552	164	30660	4.924	ug/L	100
48) 2-Hexanone	8.687	43	215644	50.295	ug/L	100
49) Dibromochloromethane	8.809	129	38237	4.829	ug/L	100
50) 1,2-Dibromoethane	8.925	107	32136	4.954	ug/L	100
51) Chlorobenzene	9.446	112	108883	4.802	ug/L	100
52) Ethylbenzene	9.571	91	168667	4.797	ug/L	100
53) m,p-Xylene	9.693	106	65825	5.083	ug/L	100
54) o-Xylene	10.102	106	65114	5.037	ug/L	100
55) Styrene	10.115	104	109820	5.085	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	44983	4.785	ug/L	100
59) Bromoform	10.291	173	22071	4.582	ug/L	100
60) Isopropylbenzene	10.484	105	156010	4.864	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	30900	4.723	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	41626	4.593	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	116396	4.714	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	74191	4.589	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	72657	4.619	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	74564	4.763	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	6335	4.938	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	51397	4.463	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	39190	4.491	ug/L	100
71) Naphthalene	14.086	128	73851	4.128	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	39532	4.469	ug/L	100

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

