

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U081122\
 Data File : VU050309.D
 Acq On : 13 Aug 2022 03:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005160

Quant Time: Aug 13 03:30:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87529	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	85867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38307	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	24948	3.425	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.912	69	24601	4.186	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.565	65	9392	3.299	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	4.632	46	106897	60.179	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.360%
24) Chloroform-d	5.063	84	61353	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.703	65	32561	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.726	84	105648	3.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.690	67	38743	4.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.899	98	84217	3.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.179	79	12128	3.835	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.632	63	66507	59.311	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.620%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	37613	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	29776	3.967	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	35202	4.387	ug/L	99
3) Chloromethane	1.520	50	52102	4.964	ug/L	99
5) Vinyl chloride	1.604	62	47045	5.003	ug/L	99
6) Bromomethane	1.858	94	22056	3.674	ug/L	99
8) Chloroethane	1.932	64	35183	6.350	ug/L	97
9) Trichlorofluoromethane	2.134	101	49991	4.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	26015	4.541	ug/L	98
12) 1,1-Dichloroethene	2.578	96	29577	4.889	ug/L	87
13) Acetone	2.642	43	69050	69.800	ug/L	94
14) Carbon disulfide	2.790	76	101353	4.690	ug/L	100
15) Methyl Acetate	2.957	43	17992	6.661	ug/L	91
16) Methylene chloride	3.044	84	46183	4.996	ug/L	95
17) Methyl tert-butyl Ether	3.366	73	86041	5.449	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	33815	4.992	ug/L	95
19) 1,1-Dichloroethane	3.870	63	69912	5.450	ug/L	98
21) 2-Butanone	4.710	43	114425	64.324	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	40134	5.338	ug/L	99
23) Bromochloromethane	4.976	128	19709	5.484	ug/L	92
25) Chloroform	5.089	83	73297	5.359	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	45422	5.457	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	54405	5.165	ug/L	98
30) Cyclohexane	5.388	56	37800	4.119	ug/L	99
31) Carbon tetrachloride	5.523	117	42326	4.902	ug/L	100
33) Benzene	5.774	78	157742	5.243	ug/L	100
34) Trichloroethene	6.542	95	35740	4.912	ug/L	98
35) Methylcyclohexane	6.764	83	36282	3.863	ug/L	99
37) 1,2-Dichloropropane	6.790	63	43833	5.470	ug/L	99
38) Bromodichloromethane	7.105	83	52587	5.402	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	49641	4.747	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	273409	58.905	ug/L	98
42) Toluene	7.970	91	155301	5.147	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	43429	4.842	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	33291	5.558	ug/L	98
47) Tetrachloroethene	8.552	164	23685	4.543	ug/L	99
48) 2-Hexanone	8.684	43	210880	58.742	ug/L	98
49) Dibromochloromethane	8.809	129	35420	5.342	ug/L	100
50) 1,2-Dibromoethane	8.925	107	29942	5.513	ug/L	98
51) Chlorobenzene	9.446	112	94561	4.981	ug/L	98
52) Ethylbenzene	9.571	91	138076	4.690	ug/L	100
53) m,p-Xylene	9.693	106	52568	4.848	ug/L	100
54) o-Xylene	10.098	106	53856	4.976	ug/L	95
55) Styrene	10.115	104	88960	4.920	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	44056	5.597	ug/L	98
59) Bromoform	10.291	173	20061	5.222	ug/L	95
60) Isopropylbenzene	10.484	105	124134	4.852	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	30407	5.827	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	33440	4.626	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	92032	4.674	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	64057	4.968	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	62039	4.945	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	66214	5.303	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	6585	6.436	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	43369	4.721	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	35301	5.072	ug/L	99
71) Naphthalene	14.085	128	77414	5.425	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	38466	5.452	ug/L	98

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

