

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U081122\
 Data File : VU050285.D
 Acq On : 12 Aug 2022 16:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005159

Quant Time: Aug 12 23:18:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 23:11:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	92897	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43568	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28275	3.657	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.909	69	27701	4.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.562	65	10969	3.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	4.629	46	103098	54.686	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.380%
24) Chloroform-d	5.064	84	66888	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.703	65	34347	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.729	84	116319	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.694	67	41696	4.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.899	98	98668	3.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.179	79	14398	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.636	63	59684	50.268	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39432	4.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	34519	4.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	41665	4.892	ug/L	98
3) Chloromethane	1.520	50	55585	4.989	ug/L	99
5) Vinyl chloride	1.601	62	51342	5.144	ug/L	99
6) Bromomethane	1.851	94	43741	6.866	ug/L	100
8) Chloroethane	1.929	64	31198	5.305	ug/L	100
9) Trichlorofluoromethane	2.134	101	58461	5.349	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	32971	5.423	ug/L	97
12) 1,1-Dichloroethene	2.575	96	31967	4.978	ug/L	89
13) Acetone	2.633	43	64776	61.696	ug/L	91
14) Carbon disulfide	2.787	76	107052	4.668	ug/L	100
15) Methyl Acetate	2.954	43	17486	6.100	ug/L	92
16) Methylene chloride	3.044	84	45519	4.639	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	85867	5.124	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	35965	5.002	ug/L	98
19) 1,1-Dichloroethane	3.867	63	72563	5.330	ug/L	98
21) 2-Butanone	4.710	43	110579	58.570	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	42082	5.273	ug/L	97
23) Bromochloromethane	4.973	128	20075	5.263	ug/L	95
25) Chloroform	5.089	83	77456	5.336	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	48482	5.488	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	59015	5.291	ug/L	98
30) Cyclohexane	5.388	56	47881	4.927	ug/L	99
31) Carbon tetrachloride	5.527	117	48558	5.311	ug/L	98
33) Benzene	5.774	78	165971	5.210	ug/L	100
34) Trichloroethene	6.543	95	38828	5.040	ug/L	99
35) Methylcyclohexane	6.764	83	48896	4.916	ug/L	98
37) 1,2-Dichloropropane	6.793	63	44446	5.238	ug/L	98
38) Bromodichloromethane	7.105	83	55217	5.357	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	54839	4.952	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	263781	53.672	ug/L	98
42) Toluene	7.970	91	170898	5.349	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	48215	5.077	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	33101	5.219	ug/L	94
47) Tetrachloroethene	8.555	164	28208	5.110	ug/L	98
48) 2-Hexanone	8.687	43	208326	54.805	ug/L	98
49) Dibromochloromethane	8.809	129	37263	5.308	ug/L	98
50) 1,2-Dibromoethane	8.925	107	30448	5.294	ug/L	99
51) Chlorobenzene	9.446	112	103250	5.137	ug/L	99
52) Ethylbenzene	9.571	91	156952	5.035	ug/L	100
53) m,p-Xylene	9.694	106	60085	5.233	ug/L	98
54) o-Xylene	10.102	106	60418	5.272	ug/L	98
55) Styrene	10.115	104	102250	5.340	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	44828	5.378	ug/L	99
59) Bromoform	10.292	173	20764	4.752	ug/L	96
60) Isopropylbenzene	10.485	105	148344	5.098	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	29366	4.948	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	39086	4.755	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	108340	4.837	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	71962	4.907	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	70911	4.969	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	72195	5.083	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	6253	5.373	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	50114	4.797	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	37935	4.792	ug/L	98
71) Naphthalene	14.089	128	67544	4.161	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	39687	4.946	ug/L	97

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

