

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050242.D
 Acq On : 11 Aug 2022 20:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005157

Quant Time: Aug 12 01:35:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:30:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	92627	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	92755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	37757	4.898	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.912	69	33139	5.329	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.565	65	14626	4.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.639	46	114976	61.164	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.320%
24) Chloroform-d	5.067	84	78704	5.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.703	65	39376	5.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.729	84	150105	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.694	67	50073	5.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.899	98	133911	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	8.182	79	17016	4.982	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.636	63	70875	58.513	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44972	5.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	41719	5.025	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	40875	4.813	ug/L	99
3) Chloromethane	1.517	50	55899	5.032	ug/L	99
5) Vinyl chloride	1.601	62	52242	5.250	ug/L	100
6) Bromomethane	1.855	94	43597	6.863	ug/L	98
8) Chloroethane	1.932	64	32361	5.519	ug/L	98
9) Trichlorofluoromethane	2.134	101	57355	5.263	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	32058	5.288	ug/L	96
12) 1,1-Dichloroethene	2.578	96	33354	5.209	ug/L	89
13) Acetone	2.652	43	73170	69.894	ug/L	94
14) Carbon disulfide	2.790	76	112885	4.936	ug/L	100
15) Methyl Acetate	2.961	43	19260	6.738	ug/L	90
16) Methylene chloride	3.044	84	48888	4.997	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	89655	5.365	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	37211	5.191	ug/L	96
19) 1,1-Dichloroethane	3.871	63	76199	5.613	ug/L	98
21) 2-Butanone	4.719	43	120447	63.982	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	43301	5.442	ug/L	99
23) Bromochloromethane	4.977	128	21301	5.601	ug/L	96
25) Chloroform	5.089	83	78249	5.407	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	48825	5.543	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	61164	5.375	ug/L	99
30) Cyclohexane	5.388	56	46129	4.653	ug/L	99
31) Carbon tetrachloride	5.526	117	49147	5.269	ug/L	100
33) Benzene	5.774	78	171098	5.265	ug/L	100
34) Trichloroethene	6.542	95	40945	5.209	ug/L	97
35) Methylcyclohexane	6.764	83	46441	4.577	ug/L	99
37) 1,2-Dichloropropane	6.790	63	45834	5.295	ug/L	100
38) Bromodichloromethane	7.108	83	56405	5.364	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	56117	4.967	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	281954	56.235	ug/L	99
42) Toluene	7.970	91	176283	5.409	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	48892	5.046	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	35274	5.451	ug/L	97
47) Tetrachloroethene	8.555	164	28807	5.115	ug/L	97
48) 2-Hexanone	8.687	43	224383	57.862	ug/L	98
49) Dibromochloromethane	8.812	129	38637	5.395	ug/L	98
50) 1,2-Dibromoethane	8.925	107	31825	5.424	ug/L	98
51) Chlorobenzene	9.449	112	105031	5.122	ug/L	98
52) Ethylbenzene	9.571	91	161478	5.077	ug/L	100
53) m,p-Xylene	9.697	106	62099	5.302	ug/L	99
54) o-Xylene	10.102	106	61913	5.295	ug/L	99
55) Styrene	10.115	104	104168	5.333	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	46477	5.466	ug/L	97
59) Bromoform	10.292	173	21454	5.048	ug/L	99
60) Isopropylbenzene	10.484	105	149186	5.271	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	31474	5.452	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	38951	4.871	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	108421	4.977	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	72580	5.088	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	69931	5.038	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	72215	5.228	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	6654	5.879	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	49181	4.840	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	36703	4.767	ug/L	99
71) Naphthalene	14.089	128	68191	4.319	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	37636	4.822	ug/L	97

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

