

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052065.D
 Acq On : 23 Nov 2022 02:08
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005087

Quant Time: Nov 23 02:24:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	236968	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	230887	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118001	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	106817	4.634	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.912	69	84107	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.565	65	38565	4.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.613	46	202518	48.471	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.940%
24) Chloroform-d	5.060	84	170136	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.700	65	83527	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.726	84	350580	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.687	67	107559	5.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.896	98	323530	5.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	8.176	79	37454	4.845	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.629	63	171381	52.314	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.620%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94379	5.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	110275	4.881	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	112809	5.489	ug/L	100
3) Chloromethane	1.523	50	137823	5.138	ug/L	98
5) Vinyl chloride	1.604	62	137837	5.349	ug/L	99
6) Bromomethane	1.855	94	74164	5.608	ug/L	98
8) Chloroethane	1.932	64	80399	5.017	ug/L	97
9) Trichlorofluoromethane	2.138	101	153582	5.417	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	91852	5.299	ug/L	99
12) 1,1-Dichloroethene	2.581	96	90945	5.291	ug/L	83
13) Acetone	2.620	43	133793	47.157	ug/L	98
14) Carbon disulfide	2.793	76	303407	5.099	ug/L	100
15) Methyl Acetate	2.948	43	34621	4.705	ug/L	99
16) Methylene chloride	3.044	84	119294	5.130	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	189399	4.922	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	95231	5.168	ug/L	99
19) 1,1-Dichloroethane	3.867	63	172269	5.187	ug/L	99
21) 2-Butanone	4.694	43	219529	48.276	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	99571	5.149	ug/L	97
23) Bromochloromethane	4.970	128	47028	5.083	ug/L	96
25) Chloroform	5.086	83	176772	5.253	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	107088	5.196	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	140300	5.477	ug/L	99
30) Cyclohexane	5.385	56	137276	5.519	ug/L	99
31) Carbon tetrachloride	5.523	117	118989	5.467	ug/L	100
33) Benzene	5.771	78	413949	5.509	ug/L	100
34) Trichloroethene	6.539	95	98213	5.240	ug/L	99
35) Methylcyclohexane	6.761	83	141501	5.248	ug/L	98
37) 1,2-Dichloropropane	6.787	63	106961	5.498	ug/L	99
38) Bromodichloromethane	7.102	83	120309	5.072	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	125679	5.031	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	540918	53.226	ug/L	99
42) Toluene	7.967	91	439174	5.682	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	107474	5.024	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	77726	5.316	ug/L	98
47) Tetrachloroethene	8.552	164	75431	5.252	ug/L	98
48) 2-Hexanone	8.681	43	401543	53.896	ug/L	99
49) Dibromochloromethane	8.806	129	83314	5.088	ug/L	100
50) 1,2-Dibromoethane	8.922	107	71352	5.358	ug/L	99
51) Chlorobenzene	9.443	112	260645	5.289	ug/L	99
52) Ethylbenzene	9.568	91	412118	5.484	ug/L	98
53) m,p-Xylene	9.690	106	165144	5.676	ug/L	100
54) o-Xylene	10.099	106	160446	5.753	ug/L	96
55) Styrene	10.111	104	272086	5.776	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	97639	5.347	ug/L	98
59) Bromoform	10.288	173	45863	4.719	ug/L	97
60) Isopropylbenzene	10.481	105	406957	5.491	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	66159	4.899	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	307958	5.197	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	305283	5.191	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	193345	5.109	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	188589	4.996	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	187475	5.144	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	13195	4.465	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	128184	4.776	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	93164	4.559	ug/L	98
71) Naphthalene	14.082	128	158971	4.143	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	92136	4.582	ug/L	98

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

