

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047528.D
 Acq On : 12 Mar 2022 05:46
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005098

Quant Time: Mar 14 01:46:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 03:24:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	112593	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	110122	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	60442	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24751	4.053	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.919	69	20001	4.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.572	65	11283	4.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.646	46	64962	59.751	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.500%
24) Chloroform-d	5.070	84	49662	5.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.707	65	24582	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.732	84	94284	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.694	67	29364	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.899	98	86810	4.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.179	79	11655	4.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.636	63	57997	50.603	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28430	5.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	35543	4.638	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	46185	5.479	ug/L	100
3) Chloromethane	1.524	50	47334	5.623	ug/L	98
5) Vinyl chloride	1.607	62	50191	6.062	ug/L	98
6) Bromomethane	1.861	94	19941	4.224	ug/L	99
8) Chloroethane	1.938	64	30633	6.091	ug/L	98
9) Trichlorofluoromethane	2.144	101	61036	5.594	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35818	5.317	ug/L	99
12) 1,1-Dichloroethene	2.585	96	38027	5.752	ug/L	96
13) Acetone	2.662	43	66878	66.951	ug/L	99
14) Carbon disulfide	2.800	76	111744	5.507	ug/L	100
15) Methyl Acetate	2.964	43	17608	6.671	ug/L	98
16) Methylene chloride	3.054	84	47911	6.072	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	104437	6.126	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	40420	5.711	ug/L	99
19) 1,1-Dichloroethane	3.874	63	73727	6.125	ug/L	99
21) 2-Butanone	4.723	43	135623	75.393	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	51840	6.610	ug/L	97
23) Bromochloromethane	4.980	128	23256	6.206	ug/L	# 92
25) Chloroform	5.093	83	79967	6.135	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	54099	6.447	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	64862	5.701	ug/L	98
30) Cyclohexane	5.392	56	51463	4.695	ug/L	97
31) Carbon tetrachloride	5.530	117	55716	5.575	ug/L	99
33) Benzene	5.777	78	170097	5.719	ug/L	100
34) Trichloroethene	6.546	95	43579	5.481	ug/L	99
35) Methylcyclohexane	6.764	83	55823	4.451	ug/L	99
37) 1,2-Dichloropropane	6.793	63	45594	6.155	ug/L	100
38) Bromodichloromethane	7.109	83	59779	6.079	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	62126	5.532	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	313234	62.036	ug/L	99
42) Toluene	7.970	91	181318	5.612	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	56018	5.531	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	37865	6.238	ug/L	95
47) Tetrachloroethene	8.555	164	34735	5.150	ug/L	100
48) 2-Hexanone	8.687	43	231441	63.179	ug/L	99
49) Dibromochloromethane	8.813	129	46255	6.273	ug/L	100
50) 1,2-Dibromoethane	8.925	107	38042	6.159	ug/L	100
51) Chlorobenzene	9.446	112	121943	5.642	ug/L	98
52) Ethylbenzene	9.571	91	183383	5.241	ug/L	99
53) m,p-Xylene	9.694	106	72768	5.301	ug/L	98
54) o-Xylene	10.102	106	71757	5.396	ug/L	99
55) Styrene	10.115	104	125659	5.589	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	51667	6.358	ug/L	96
59) Bromoform	10.292	173	30200	6.637	ug/L	100
60) Isopropylbenzene	10.485	105	179787	5.316	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	35267	6.299	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	113287	5.107	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	150510	5.231	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	100348	5.598	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	101649	5.585	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	99346	5.768	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8254	6.540	ug/L	96
69) 1,3,5-Trichlorobenzene	13.218	180	81961	5.575	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	72830	5.558	ug/L	99
71) Naphthalene	14.086	128	135415	5.778	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	70066	5.831	ug/L	100

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

