

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101122\
 Data File : VU051367.D
 Acq On : 11 Oct 2022 10:05
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

Quant Time: Oct 11 23:33:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 02:38:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	228661	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	244085	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	124757	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71847	3.895	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.909	69	67078	4.233	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.565	65	28792	3.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.626	46	201776	49.687	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.380%
24) Chloroform-d	5.063	84	159923	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.703	65	80131	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.726	84	286292	4.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.690	67	101161	4.436	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.899	98	255469	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.179	79	33438	4.463	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.632	63	123403	48.871	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.740%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	87061	4.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	90103	4.155	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	88839	4.763	ug/L	99
3) Chloromethane	1.520	50	116051	4.431	ug/L	97
5) Vinyl chloride	1.604	62	118318	4.606	ug/L	97
6) Bromomethane	1.854	94	69295	4.953	ug/L	99
8) Chloroethane	1.932	64	75888	4.632	ug/L	100
9) Trichlorofluoromethane	2.137	101	141395	4.775	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	84127	4.734	ug/L	100
12) 1,1-Dichloroethene	2.578	96	72450	4.345	ug/L	94
13) Acetone	2.632	43	140132	46.008	ug/L	97
14) Carbon disulfide	2.790	76	222566	4.358	ug/L	99
15) Methyl Acetate	2.954	43	33772	4.561	ug/L	97
16) Methylene chloride	3.044	84	100690	4.089	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	169621	4.441	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	78050	4.449	ug/L	99
19) 1,1-Dichloroethane	3.870	63	171552	4.739	ug/L	99
21) 2-Butanone	4.706	43	218225	45.462	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	89877	4.625	ug/L	96
23) Bromochloromethane	4.973	128	43524	4.694	ug/L	98
25) Chloroform	5.086	83	175215	4.634	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	107405	4.742	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	134801	4.609	ug/L	97
30) Cyclohexane	5.388	56	102754	4.142	ug/L	99
31) Carbon tetrachloride	5.523	117	114015	4.607	ug/L	97
33) Benzene	5.774	78	372182	4.567	ug/L	100
34) Trichloroethene	6.542	95	88376	4.348	ug/L	96
35) Methylcyclohexane	6.764	83	110584	4.312	ug/L	98
37) 1,2-Dichloropropane	6.790	63	103468	4.633	ug/L	99
38) Bromodichloromethane	7.105	83	125415	4.707	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	117593	4.380	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	523901	44.710	ug/L	99
42) Toluene	7.970	91	394229	4.558	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	110589	4.764	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	72333	4.613	ug/L	98
47) Tetrachloroethene	8.552	164	65998	4.416	ug/L	98
48) 2-Hexanone	8.684	43	414806	47.544	ug/L	100
49) Dibromochloromethane	8.809	129	80303	4.561	ug/L	100
50) 1,2-Dibromoethane	8.925	107	65801	4.714	ug/L	96
51) Chlorobenzene	9.446	112	241100	4.665	ug/L	99
52) Ethylbenzene	9.571	91	358544	4.613	ug/L	98
53) m,p-Xylene	9.693	106	139141	4.616	ug/L	98
54) o-Xylene	10.098	106	132718	4.653	ug/L	95
55) Styrene	10.115	104	239448	4.877	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	90055	4.639	ug/L	100
59) Bromoform	10.291	173	43777	4.218	ug/L	99
60) Isopropylbenzene	10.484	105	339807	4.300	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	65929	4.185	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	84609	4.036	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	237950	4.014	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	180720	4.624	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	178899	4.644	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	169777	4.468	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	13449	4.463	ug/L	88
69) 1,3,5-Trichlorobenzene	13.217	180	124593	4.624	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	92338	4.822	ug/L	95
71) Naphthalene	14.085	128	135670	3.812	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	86520	4.368	ug/L	98

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

