

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121522\
 Data File : VU052410.D
 Acq On : 15 Dec 2022 09:05
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005109

Quant Time: Dec 16 00:14:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 21:38:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	235824	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	241200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	125882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	69445	3.027	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.916	69	67205	3.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.571	65	29492	3.587	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.642	46	272912	65.637	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.280%#
24) Chloroform-d	5.060	84	166618	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.700	65	85722	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.726	84	317054	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.690	67	105920	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.896	98	289384	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.179	79	36838	4.562	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.636	63	205662	60.094	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.180%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	107645	5.602	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	111556	4.629	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	89004	4.352	ug/L	100
3) Chloromethane	1.520	50	108204	4.054	ug/L	97
5) Vinyl chloride	1.607	62	112967	4.405	ug/L	100
6) Bromomethane	1.861	94	78287	5.949	ug/L	99
8) Chloroethane	1.938	64	70463	4.418	ug/L	95
9) Trichlorofluoromethane	2.141	101	131163	4.649	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	80660	4.676	ug/L	99
12) 1,1-Dichloroethene	2.581	96	82533	4.824	ug/L	86
13) Acetone	2.668	43	154548	54.737	ug/L	99
14) Carbon disulfide	2.797	76	256659	4.334	ug/L	99
15) Methyl Acetate	2.961	43	41208	5.627	ug/L	97
16) Methylene chloride	3.047	84	112774	4.873	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	197326	5.152	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	86040	4.692	ug/L	98
19) 1,1-Dichloroethane	3.867	63	166092	5.025	ug/L	98
21) 2-Butanone	4.723	43	260571	57.580	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	96836	5.032	ug/L	98
23) Bromochloromethane	4.973	128	48079	5.221	ug/L	91
25) Chloroform	5.086	83	170055	5.078	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	104964	5.117	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	128889	4.816	ug/L	99
30) Cyclohexane	5.388	56	112700	4.337	ug/L	99
31) Carbon tetrachloride	5.523	117	104796	4.609	ug/L	100
33) Benzene	5.774	78	385735	4.914	ug/L	100
34) Trichloroethene	6.542	95	89064	4.549	ug/L	96
35) Methylcyclohexane	6.764	83	115147	4.088	ug/L	97
37) 1,2-Dichloropropane	6.790	63	101948	5.016	ug/L	100
38) Bromodichloromethane	7.105	83	127193	5.133	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	119393	4.575	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	604377	56.928	ug/L	100
42) Toluene	7.967	91	407715	5.049	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	109976	4.922	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	82479	5.400	ug/L	97
47) Tetrachloroethene	8.552	164	70928	4.727	ug/L	97
48) 2-Hexanone	8.684	43	462793	59.461	ug/L	100
49) Dibromochloromethane	8.809	129	92391	5.401	ug/L	98
50) 1,2-Dibromoethane	8.922	107	75887	5.455	ug/L	99
51) Chlorobenzene	9.446	112	254076	4.935	ug/L	100
52) Ethylbenzene	9.568	91	379125	4.830	ug/L	98
53) m,p-Xylene	9.693	106	152690	5.023	ug/L	96
54) o-Xylene	10.099	106	147285	5.056	ug/L	98
55) Styrene	10.111	104	259295	5.270	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	108479	5.687	ug/L	98
59) Bromoform	10.288	173	54702	5.276	ug/L	97
60) Isopropylbenzene	10.481	105	366457	4.635	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	74197	5.150	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	278862	4.412	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	282712	4.506	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	197301	4.887	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	199484	4.954	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	193816	4.985	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	15446	4.899	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	134531	4.699	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	102358	4.695	ug/L	98
71) Naphthalene	14.085	128	177456	4.336	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	100441	4.683	ug/L	98

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

