

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101122\
 Data File : VU051384.D
 Acq On : 11 Oct 2022 20:10
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005175

Quant Time: Oct 11 23:40:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 23:36:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	216099	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	237432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	120617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46932	2.692	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.800%
7) Chloroethane-d5	1.909	69	47974	3.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.000%#
11) 1,1-Dichloroethene-d2	2.562	65	22665	3.289	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	4.620	46	190791	49.713	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.420%
24) Chloroform-d	5.060	84	149868	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.700	65	76057	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.726	84	261089	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.687	67	95757	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.896	98	245290	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.179	79	30926	4.243	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.629	63	119184	48.523	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.040%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	83401	4.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	88734	4.233	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	89227	5.062	ug/L	99
3) Chloromethane	1.520	50	114487	4.625	ug/L	98
5) Vinyl chloride	1.601	62	111961	4.612	ug/L	94
6) Bromomethane	1.855	94	60835	4.601	ug/L	99
8) Chloroethane	1.932	64	68814	4.444	ug/L	100
9) Trichlorofluoromethane	2.137	101	130688	4.670	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	83791	4.989	ug/L	100
12) 1,1-Dichloroethene	2.578	96	74886	4.752	ug/L	85
13) Acetone	2.623	43	127909	44.436	ug/L	98
14) Carbon disulfide	2.790	76	224044	4.642	ug/L	99
15) Methyl Acetate	2.948	43	32841	4.693	ug/L	99
16) Methylene chloride	3.044	84	107477	4.619	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	158239	4.383	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	77355	4.666	ug/L	99
19) 1,1-Dichloroethane	3.867	63	169491	4.954	ug/L	99
21) 2-Butanone	4.700	43	201686	44.459	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	85347	4.647	ug/L	97
23) Bromochloromethane	4.970	128	43015	4.909	ug/L	98
25) Chloroform	5.086	83	176864	4.949	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	104460	4.880	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	132622	4.662	ug/L	98
30) Cyclohexane	5.388	56	98622	4.087	ug/L	99
31) Carbon tetrachloride	5.523	117	116172	4.826	ug/L	98
33) Benzene	5.771	78	367439	4.636	ug/L	100
34) Trichloroethene	6.539	95	88646	4.483	ug/L	97
35) Methylcyclohexane	6.761	83	107184	4.296	ug/L	99
37) 1,2-Dichloropropane	6.790	63	102455	4.716	ug/L	99
38) Bromodichloromethane	7.105	83	123812	4.777	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	112173	4.296	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	502570	44.092	ug/L	98
42) Toluene	7.967	91	384875	4.574	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	101453	4.493	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	70273	4.607	ug/L	98
47) Tetrachloroethene	8.552	164	64265	4.420	ug/L	98
48) 2-Hexanone	8.681	43	393779	46.398	ug/L	99
49) Dibromochloromethane	8.809	129	80133	4.678	ug/L	99
50) 1,2-Dibromoethane	8.922	107	63501	4.677	ug/L	98
51) Chlorobenzene	9.446	112	234516	4.665	ug/L	100
52) Ethylbenzene	9.568	91	337465	4.463	ug/L	98
53) m,p-Xylene	9.693	106	132382	4.515	ug/L	96
54) o-Xylene	10.099	106	127342	4.590	ug/L	99
55) Styrene	10.111	104	224851	4.708	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	90567	4.797	ug/L	99
59) Bromoform	10.291	173	41500	4.136	ug/L	99
60) Isopropylbenzene	10.481	105	333038	4.359	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	63768	4.187	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	78660	3.881	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	222346	3.879	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	172144	4.555	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	171027	4.592	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	163244	4.444	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	12817	4.399	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	117326	4.504	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	85835	4.636	ug/L	95
71) Naphthalene	14.086	128	121330	3.526	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	81689	4.266	ug/L	100

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

