

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042162.D
 Acq On : 22 Jan 2021 11:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Jan 23 06:14:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 22 02:43:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	123476	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	114462	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	62829	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30969	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.916	69	26766	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.575	63	78901	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	4.655	46	148115	50.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.92%
24) Chloroform-d	5.073	84	78008	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.713	65	45876	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.735	84	136491	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.700	67	45906	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.906	98	126958	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloroprop...	8.189	79	22413	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.645	63	104153	48.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.90%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	40187	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	52874	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	61067	5.25	ug/L	99
3) Chloromethane	1.520	50	55258	5.33	ug/L	98
5) Vinyl chloride	1.604	62	52848	5.32	ug/L	100
6) Bromomethane	1.861	94	31622	5.37	ug/L	98
8) Chloroethane	1.938	64	31324	5.43	ug/L	100
9) Trichlorofluoromethane	2.141	101	74582	5.53	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	48052	5.52	ug/L	99
12) 1,1-Dichloroethene	2.584	96	45147	5.40	ug/L	97
13) Acetone	2.665	43	113660	58.71	ug/L	61
14) Carbon disulfide	2.797	76	150350	5.42	ug/L	99
15) Methyl Acetate	2.967	43	27346	5.99	ug/L	98
16) Methylene chloride	3.054	84	52226	5.30	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	131785	5.44	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	47452	5.33	ug/L	98
19) 1,1-Dichloroethane	3.880	63	92275	5.61	ug/L	97
21) 2-Butanone	4.736	43	187921	57.95	ug/L	100
22) cis-1,2-Dichloroethene	4.678	96	51138	5.39	ug/L	100
23) Bromochloromethane	4.986	128	23617	5.38	ug/L	93
25) Chloroform	5.099	83	91619	5.40	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042162.D
 Acq On : 22 Jan 2021 11:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Jan 23 06:14:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 22 02:43:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	66552	5.53	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	84524	5.60	ug/L	97
30) Cyclohexane	5.398	56	87925	5.42	ug/L	98
31) Carbon tetrachloride	5.533	117	75361	5.67	ug/L	100
33) Benzene	5.784	78	191155	5.67	ug/L	100
34) Trichloroethene	6.552	95	51219	5.64	ug/L	98
35) Methylcyclohexane	6.771	83	83487	5.48	ug/L	99
37) 1,2-Dichloropropane	6.800	63	50812	5.73	ug/L	100
38) Bromodichloromethane	7.115	83	69762	5.69	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	81510	5.59	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	435488	57.40	ug/L	100
42) Toluene	7.977	91	207992	5.70	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	73912	5.53	ug/L	100
45) 1,1,2-Trichloroethane	8.411	97	36795	5.60	ug/L	97
47) Tetrachloroethene	8.562	164	43003	5.69	ug/L	98
48) 2-Hexanone	8.697	43	319565	60.58	ug/L	99
49) Dibromochloromethane	8.819	129	48056	5.51	ug/L	94
50) 1,2-Dibromoethane	8.931	107	38328	5.66	ug/L	100
51) Chlorobenzene	9.456	112	129332	5.55	ug/L	100
52) Ethylbenzene	9.578	91	231917	5.55	ug/L	100
53) m,p-Xylene	9.703	106	87918	5.62	ug/L	98
54) o-Xylene	10.108	106	84965	5.60	ug/L	98
55) Styrene	10.124	104	146193	5.59	ug/L	96
56) Isopropylbenzene	10.494	105	230895	5.51	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.793	83	47430	5.66	ug/L	100
59) 1,2,3-Trichloropropane	10.832	75	36173	5.78	ug/L	99
61) Bromoform	10.301	173	30955	5.45	ug/L	99
62) 1,3-Dichlorobenzene	11.755	146	106068	5.41	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	107304	5.47	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	101692	5.58	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	9292	5.71	ug/L	98
67) 1,3,5-Trichlorobenzene	13.227	180	85381	5.44	ug/L	98
68) 1,2,4-trichlorobenzene	13.851	180	71696	5.78	ug/L	100
69) Naphthalene	14.095	128	124836	6.88	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	67111	6.11	ug/L	99

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

