

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042711.D
 Acq On : 19 Mar 2021 09:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00507

Quant Time: Mar 20 05:37:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	6.256	114	99249	5.00 ug/L	0.00
28) Chlorobenzene-d5	9.427	117	101191	5.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	56968	5.00 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.604	65	31697	4.79 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 95.80%
7) Chloroethane-d5	1.916	69	29374	5.86 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 117.20%
11) 1,1-Dichloroethene-d2	2.568	63	73201	4.90 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 98.00%
20) 2-Butanone-d5	4.649	46	98266	45.23 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 90.46%
24) Chloroform-d	5.073	84	65711	5.02 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 100.40%
26) 1,2-Dichloroethane-d4	5.710	65	38952	4.84 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 96.80%
32) Benzene-d6	5.736	84	115096	4.64 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 92.80%
36) 1,2-Dichloropropane-d6	6.700	67	36933	4.61 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 92.20%
41) Toluene-d8	7.906	98	113922	4.70 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 94.00%
43) trans-1,3-Dichloroprop...	8.189	79	16880	4.51 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 90.20%
46) 2-Hexanone-d5	8.652	63	81651	45.61 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 91.22%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	34187	4.80 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 96.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	47043	4.56 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 91.20%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.388	85	39116	4.23 ug/L	98
3) Chloromethane	1.523	50	35152	4.02 ug/L	98
5) Vinyl chloride	1.607	62	37426	4.26 ug/L	99
6) Bromomethane	1.864	94	22280	4.60 ug/L	97
8) Chloroethane	1.938	64	27751	5.29 ug/L	97
9) Trichlorofluoromethane	2.134	101	75053	5.24 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	36785	4.89 ug/L	98
12) 1,1-Dichloroethene	2.578	96	32021	4.58 ug/L #	80
13) Acetone	2.658	43	76214	45.53 ug/L	96
14) Carbon disulfide	2.794	76	80906	3.63 ug/L	100
15) Methyl Acetate	2.964	43	17484	4.20 ug/L	99
16) Methylene chloride	3.051	84	36264	4.33 ug/L	98
17) Methyl tert-butyl Ether	3.372	73	91551	4.65 ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	31909	4.34 ug/L	97
19) 1,1-Dichloroethane	3.877	63	67163	4.74 ug/L	96
21) 2-Butanone	4.729	43	141422	49.70 ug/L	93
22) cis-1,2-Dichloroethene	4.674	96	35994	4.58 ug/L	100
23) Bromochloromethane	4.983	128	17622	4.71 ug/L	97
25) Chloroform	5.099	83	72015	4.83 ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042711.D
 Acq On : 19 Mar 2021 09:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00507

Quant Time: Mar 20 05:37:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 16 01:32:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	52343	4.68	ug/L	96
29) 1,1,1-Trichloroethane	5.324	97	62028	4.41	ug/L	97
30) Cyclohexane	5.398	56	53657	3.82	ug/L	99
31) Carbon tetrachloride	5.533	117	53116	4.28	ug/L	98
33) Benzene	5.781	78	140521	4.44	ug/L	100
34) Trichloroethene	6.549	95	37080	4.22	ug/L	97
35) Methylcyclohexane	6.771	83	54256	4.06	ug/L	97
37) 1,2-Dichloropropane	6.800	63	39360	4.60	ug/L	99
38) Bromodichloromethane	7.115	83	50332	4.51	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	52817	4.24	ug/L	99
40) 4-Methyl-2-pentanone	7.806	43	349790	46.93	ug/L	96
42) Toluene	7.977	91	158357	4.59	ug/L	94
44) trans-1,3-Dichloropropene	8.218	75	50052	4.36	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	29233	4.64	ug/L	95
47) Tetrachloroethene	8.562	164	31656	4.42	ug/L	96
48) 2-Hexanone	8.703	43	256546	46.66	ug/L	97
49) Dibromochloromethane	8.819	129	37006	4.69	ug/L	96
50) 1,2-Dibromoethane	8.932	107	29994	4.83	ug/L	95
51) Chlorobenzene	9.456	112	103283	4.68	ug/L	97
52) Ethylbenzene	9.578	91	175820	4.52	ug/L	100
53) m,p-Xylene	9.700	106	67351	4.68	ug/L	98
54) o-Xylene	10.108	106	64493	4.63	ug/L	95
55) Styrene	10.124	104	115676	4.88	ug/L	97
56) Isopropylbenzene	10.491	105	177112	4.62	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.793	83	40075	4.75	ug/L	98
59) 1,2,3-Trichloropropane	10.835	75	29877	4.65	ug/L	99
61) Bromoform	10.301	173	23742	4.62	ug/L	98
62) 1,3-Dichlorobenzene	11.755	146	90981	4.63	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	91891	4.69	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	87599	4.63	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	6262	3.94	ug/L	98
67) 1,3,5-Trichlorobenzene	13.227	180	73625	4.32	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	57507	4.08	ug/L	100
69) Naphthalene	14.095	128	90393	3.95	ug/L	100
70) 1,2,3-Trichlorobenzene	14.340	180	52415	4.10	ug/L	98

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

