

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
 Data File : VU043711.D
 Acq On : 13 May 2021 17:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: May 14 01:50:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 01:48:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	94220	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	93239	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47206	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25387	3.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.00%
7) Chloroethane-d5	1.919	69	21809	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.572	65	12926	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.645	46	124658	53.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.00%
24) Chloroform-d	5.073	84	68686	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.710	65	42048	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.735	84	114591	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.700	67	43156	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.906	98	101006	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloroprop...	8.185	79	16410	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.642	63	99375	66.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.80%#
56) 1,1,2,2-Tetrachloroeth...	10.764	84	38933	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
66) 1,2-Dichlorobenzene-d4	12.198	152	38230	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	33685	5.28	ug/L	100
3) Chloromethane	1.520	50	35650	5.30	ug/L	97
5) Vinyl chloride	1.607	62	36523	5.73	ug/L	98
6) Bromomethane	1.861	94	17328	5.74	ug/L	96
8) Chloroethane	1.938	64	22213	5.39	ug/L	98
9) Trichlorofluoromethane	2.141	101	51499	5.18	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33358	5.44	ug/L	98
12) 1,1-Dichloroethene	2.584	96	30077	5.71	ug/L	89
13) Acetone	2.655	43	67472	43.02	ug/L	95
14) Carbon disulfide	2.800	76	67013	5.08	ug/L	100
15) Methyl Acetate	2.964	43	21894	6.12	ug/L	94
16) Methylene chloride	3.054	84	42465	5.03	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	87869	5.71	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	29434	5.36	ug/L	98
19) 1,1-Dichloroethane	3.877	63	73729	5.64	ug/L	99
21) 2-Butanone	4.726	43	126741	50.40	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	35152	5.45	ug/L	93
23) Bromochloromethane	4.983	128	16361	5.70	ug/L	92
25) Chloroform	5.099	83	72973	5.25	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051321\
 Data File : VU043711.D
 Acq On : 13 May 2021 17:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005142

Quant Time: May 14 01:50:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 01:48:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	49648	5.26	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	59673	5.44	ug/L	99
30) Cyclohexane	5.398	56	50308	5.75	ug/L	97
31) Carbon tetrachloride	5.533	117	47023	5.23	ug/L	100
33) Benzene	5.784	78	141133	5.74	ug/L	100
34) Trichloroethene	6.549	95	34922	5.57	ug/L	96
35) Methylcyclohexane	6.771	83	43384	5.35	ug/L	98
37) 1,2-Dichloropropane	6.800	63	44624	6.09	ug/L	100
38) Bromodichloromethane	7.112	83	54056	5.69	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	54430	5.60	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	380458	63.40	ug/L	99
42) Toluene	7.976	91	148897	5.80	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	50792	5.73	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	29436	5.81	ug/L	98
47) Tetrachloroethene	8.558	164	23849	5.16	ug/L	95
48) 2-Hexanone	8.694	43	287273	64.53	ug/L	99
49) Dibromochloromethane	8.816	129	34189	5.58	ug/L	97
50) 1,2-Dibromoethane	8.931	107	27068	5.74	ug/L #	94
51) Chlorobenzene	9.452	112	90544	5.55	ug/L	99
52) Ethylbenzene	9.578	91	153426	5.63	ug/L	100
53) m,p-Xylene	9.700	106	55043	5.56	ug/L	94
54) o-Xylene	10.105	106	55432	5.76	ug/L	95
55) Styrene	10.121	104	98815	5.86	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	39406	5.77	ug/L	94
59) Bromoform	10.298	173	20211	5.88	ug/L	98
60) Isopropylbenzene	10.491	105	149638	5.82	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	29258	6.13	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	116646	5.77	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	119806	5.92	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	70345	5.52	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	71167	5.44	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	68710	5.35	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	6541	5.74	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	51946	5.15	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	41654	5.01	ug/L	98
71) Naphthalene	14.092	128	80421	5.61	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	42872	5.49	ug/L	99

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

