

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021921\
 Data File : VU042352.D
 Acq On : 19 Feb 2021 10:00
 Operator : SY/MD
 Sample : VSTD0.505
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.505

Manual Integrations
 APPROVED

SAM
 2/19/2021 3:52:19 PM

Quant Time: Feb 19 13:02:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR021921WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 19 13:01:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	112208	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	104821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	57179	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	3068	0.44	ug/L	0.00
7) Chloroethane-d5	1.919	69	3025	0.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	7707	0.48	ug/L	0.00
20) 2-Butanone-d5	4.658	46	15495m	5.73	ug/L	0.00
24) Chloroform-d	5.076	84	7801	0.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	5515	0.60	ug/L	0.00
32) Benzene-d6	5.739	84	14458	0.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.703	67	4800	0.54	ug/L	0.00
41) Toluene-d8	7.909	98	14893	0.57	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	1914	0.44	ug/L	0.00
46) 2-Hexanone-d5	8.652	63	9728	4.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.767	84	4211	0.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.205	152	5427	0.53	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	5375	0.50	ug/L	93
3) Chloromethane	1.523	50	4717	0.49	ug/L	100
5) Vinyl chloride	1.607	62	4266	0.46	ug/L	96
6) Bromomethane	1.864	94	2394	0.43	ug/L	81
8) Chloroethane	1.941	64	2802	0.52	ug/L	94
9) Trichlorofluoromethane	2.147	101	6717	0.51	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	3944	0.49	ug/L	97
12) 1,1-Dichloroethene	2.581	96	3198	0.41	ug/L #	54
13) Acetone	2.658	43	7642m	4.43	ug/L	
14) Carbon disulfide	2.803	76	11649	0.45	ug/L	99
15) Methyl Acetate	2.973	43	2300	0.56	ug/L #	71
16) Methylene chloride	3.054	84	4436	0.49	ug/L	92
17) Methyl tert-butyl Ether	3.375	73	9792	0.44	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	3476	0.42	ug/L	88
19) 1,1-Dichloroethane	3.880	63	6999	0.46	ug/L	99
21) 2-Butanone	4.729	43	15586m	5.10	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	4013	0.46	ug/L	96
23) Bromochloromethane	4.989	128	1619	0.40	ug/L	87
25) Chloroform	5.102	83	7165	0.45	ug/L	97
27) 1,2-Dichloroethane	5.806	62	5579	0.49	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	6926	0.49	ug/L	97
30) Cyclohexane	5.398	56	6660	0.44	ug/L	96
31) Carbon tetrachloride	5.536	117	5655	0.46	ug/L	97
33) Benzene	5.784	78	14686	0.47	ug/L	100
34) Trichloroethene	6.555	95	3769	0.44	ug/L	87
35) Methylcyclohexane	6.774	83	6424	0.45	ug/L	97
37) 1,2-Dichloropropane	6.803	63	3731	0.45	ug/L #	89
38) Bromodichloromethane	7.115	83	5291	0.46	ug/L #	90
39) cis-1,3-Dichloropropene	7.620	75	5547	0.42	ug/L	100
40) 4-Methyl-2-pentanone	7.809	43	35858	4.99	ug/L	97
42) Toluene	7.980	91	15522	0.45	ug/L	95
44) trans-1,3-Dichloropropene	8.218	75	5112	0.42	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021921\
 Data File : VU042352.D
 Acq On : 19 Feb 2021 10:00
 Operator : SY/MD
 Sample : VSTD0.505
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.505

Manual Integrations
 APPROVED

SAM
 2/19/2021 3:52:19 PM

Quant Time: Feb 19 13:02:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR021921WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 19 13:01:40 2021
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.407	97	2828	0.46	ug/L	87
47) Tetrachloroethene	8.558	164	3267	0.46	ug/L	93
48) 2-Hexanone	8.700	43	24023	4.76	ug/L	99
49) Dibromochloromethane	8.819	129	3495	0.43	ug/L	95
50) 1,2-Dibromoethane	8.935	107	2850	0.45	ug/L #	99
51) Chlorobenzene	9.455	112	9826	0.45	ug/L	94
52) Ethylbenzene	9.578	91	16907	0.43	ug/L	96
53) m,p-Xylene	9.703	106	6398	0.44	ug/L	100
54) o-Xylene	10.108	106	6376	0.45	ug/L	99
55) Styrene	10.121	104	9870	0.41	ug/L	98
56) Isopropylbenzene	10.494	105	17002	0.44	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.793	83	3697	0.47	ug/L	97
59) 1,2,3-Trichloropropane	10.832	75	3052	0.51	ug/L	93
61) Bromoform	10.301	173	2128	0.41	ug/L #	97
62) 1,3-Dichlorobenzene	11.758	146	8167	0.45	ug/L	96
63) 1,4-Dichlorobenzene	11.848	146	8421	0.46	ug/L	96
65) 1,2-Dichlorobenzene	12.221	146	7858	0.46	ug/L	96
66) 1,2-Dibromo-3-chloropr...	13.008	75	631	0.42	ug/L #	82
67) 1,3,5-Trichlorobenzene	13.230	180	5984	0.41	ug/L	98
68) 1,2,4-trichlorobenzene	13.854	180	4492	0.39	ug/L	98
69) Naphthalene	14.102	128	5208	0.30	ug/L #	94
70) 1,2,3-Trichlorobenzene	14.343	180	4100	0.40	ug/L	98

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

