

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092021\
 Data File : VU044702.D
 Acq On : 20 Sep 2021 11:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 VSTD005114

Manual Integrations
 APPROVED

MMDadoda

9/21/2021 1:08:43 PM

Quant Time: Sep 21 02:35:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 18 01:28:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	132108	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	129626	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	65512	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	36268	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.919	69	32185	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.571	65	16601	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.642	46	147616m	45.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.36%
24) Chloroform-d	5.073	84	72991	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.710	65	43159	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.735	84	139148	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.700	67	46927	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.906	98	124754	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	8.185	79	18523	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.645	63	111567	45.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.74%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42753	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
66) 1,2-Dichlorobenzene-d4	12.198	152	44152	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	46864	4.45	ug/L	99
3) Chloromethane	1.523	50	58182	4.59	ug/L	99
5) Vinyl chloride	1.607	62	60911	4.72	ug/L	98
6) Bromomethane	1.864	94	30584	4.62	ug/L	100
8) Chloroethane	1.941	64	40358	4.90	ug/L	99
9) Trichlorofluoromethane	2.144	101	72375	4.98	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	44778	5.01	ug/L	98
12) 1,1-Dichloroethene	2.587	96	40531	4.78	ug/L	92
13) Acetone	2.649	43	119483m	56.14	ug/L	
14) Carbon disulfide	2.800	76	111218	4.14	ug/L	99
15) Methyl Acetate	2.964	43	20985	5.46	ug/L	91
16) Methylene chloride	3.054	84	52603	3.90	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	117656	5.02	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	43428	4.81	ug/L	98
19) 1,1-Dichloroethane	3.880	63	93524	5.13	ug/L	99
21) 2-Butanone	4.722	43	188716	53.11	ug/L	91
22) cis-1,2-Dichloroethene	4.677	96	49427	4.97	ug/L	98
23) Bromochloromethane	4.983	128	20721	4.92	ug/L	93
25) Chloroform	5.095	83	93725	4.82	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092021\
 Data File : VU044702.D
 Acq On : 20 Sep 2021 11:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005114

Manual Integrations
 APPROVED

MMDadoda

9/21/2021 1:08:43 PM

Quant Time: Sep 21 02:35:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 18 01:28:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	67837	5.33	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	74603	5.28	ug/L	99
30) Cyclohexane	5.398	56	76682	4.74	ug/L	99
31) Carbon tetrachloride	5.533	117	56387	5.10	ug/L	100
33) Benzene	5.780	78	197027	5.12	ug/L	100
34) Trichloroethene	6.549	95	47160	4.95	ug/L	99
35) Methylcyclohexane	6.771	83	73103	4.67	ug/L	98
37) 1,2-Dichloropropane	6.800	63	55818	5.41	ug/L	99
38) Bromodichloromethane	7.111	83	67476	5.40	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	75447	5.17	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	448275	55.87	ug/L	99
42) Toluene	7.976	91	206604	5.14	ug/L	100
44) trans-1,3-Dichloropropene	8.217	75	64551	5.18	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	39349	5.37	ug/L	98
47) Tetrachloroethene	8.558	164	31747	4.80	ug/L	97
48) 2-Hexanone	8.697	43	331593	55.52	ug/L	99
49) Dibromochloromethane	8.816	129	40667	5.28	ug/L	99
50) 1,2-Dibromoethane	8.931	107	35474	5.14	ug/L	99
51) Chlorobenzene	9.452	112	122786	4.93	ug/L	97
52) Ethylbenzene	9.574	91	216668	4.98	ug/L	98
53) m,p-Xylene	9.700	106	81635	4.93	ug/L	100
54) o-Xylene	10.105	106	80094	5.07	ug/L	98
55) Styrene	10.121	104	140331	5.07	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	53855	5.47	ug/L	99
59) Bromoform	10.295	173	21173	5.20	ug/L	98
60) Isopropylbenzene	10.487	105	212123	5.17	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	40405	5.58	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	174032	5.11	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	180166	5.15	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	95574	5.00	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	97503	4.94	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	93210	5.14	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8849	5.56	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	68567	4.72	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	55171	4.50	ug/L	100
71) Naphthalene	14.092	128	106906	4.47	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	52756	4.67	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092021\
Data File : VU044702.D
Acq On : 20 Sep 2021 11:18
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005114

Manual Integrations
APPROVED

MMDadoda

9/21/2021 1:08:43 PM

Quant Time: Sep 21 02:35:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 18 01:28:45 2021
Response via : Initial Calibration

