Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091621\
Data File : VU044655.D
Acq On : 16 Sep 2021 09:53
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005110

Manual Integrations APPROVED
MMDadoda
9/17/2021 4:33:59 PM

Quant Time: Sep 17 02:54:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 16 01:40:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	127031	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	129332	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	63112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31652	4.223	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.400%			
7) Chloroethane-d5	1.919	69	33726	4.409	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.200%			
11) 1,1-Dichloroethene-d2	2.571	65	16611	4.388	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.800%			
20) 2-Butanone-d5	4.642	46	167996	53.468	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.940%			
24) Chloroform-d	5.073	84	79463	5.040	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.800%			
26) 1,2-Dichloroethane-d4	5.710	65	44621	4.747	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
32) Benzene-d6	5.735	84	147045	4.459	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	6.697	67	51154	4.723	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.400%			
41) Toluene-d8	7.902	98	126741	4.415	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%			
43) trans-1,3-Dichloroprop...	8.185	79	16732	4.383	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.600%			
46) 2-Hexanone-d5	8.642	63	126728	51.650	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.300%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46881	4.882	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.600%			
66) 1,2-Dichlorobenzene-d4	12.198	152	46360	4.452	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	54600	5.390	ug/L	99
3) Chloromethane	1.520	50	67019	5.503	ug/L	100
5) Vinyl chloride	1.607	62	68863	5.544	ug/L	96
6) Bromomethane	1.861	94	33817	5.313	ug/L	99
8) Chloroethane	1.938	64	43332	5.473	ug/L	97
9) Trichlorofluoromethane	2.144	101	80942	5.787	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	50082	5.833	ug/L	98
12) 1,1-Dichloroethene	2.584	96	45785	5.610	ug/L	96
13) Acetone	2.649	43	118076m	57.699	ug/L	
14) Carbon disulfide	2.800	76	132314	5.121	ug/L	99
15) Methyl Acetate	2.960	43	18152	4.913	ug/L	95
16) Methylene chloride	3.054	84	58321	4.494	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	126694	5.616	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	48787	5.624	ug/L	95
19) 1,1-Dichloroethane	3.877	63	101770	5.802	ug/L	99
21) 2-Butanone	4.722	43	192163	56.238	ug/L	96
22) cis-1,2-Dichloroethene	4.677	96	53181	5.561	ug/L	100
23) Bromochloromethane	4.983	128	23308	5.753	ug/L	96
25) Chloroform	5.095	83	103059	5.514	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091621\
Data File : VU044655.D
Acq On : 16 Sep 2021 09:53
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 02:54:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 16 01:40:15 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD005110

Manual Integrations APPROVED
MMDadoda
9/17/2021 4:33:59 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	68887	5.629	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	79171	5.618	ug/L	98
30) Cyclohexane	5.398	56	85134	5.275	ug/L	99
31) Carbon tetrachloride	5.533	117	61916	5.614	ug/L	99
33) Benzene	5.780	78	219404	5.716	ug/L	100
34) Trichloroethene	6.549	95	52674	5.543	ug/L	99
35) Methylcyclohexane	6.771	83	81479	5.218	ug/L	99
37) 1,2-Dichloropropane	6.800	63	58875	5.724	ug/L	100
38) Bromodichloromethane	7.111	83	71035	5.696	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	78069	5.357	ug/L	96
40) 4-Methyl-2-pentanone	7.800	43	454730	56.799	ug/L	99
42) Toluene	7.976	91	224120	5.591	ug/L	100
44) trans-1,3-Dichloropropene	8.217	75	68314	5.494	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	42008	5.744	ug/L	98
47) Tetrachloroethene	8.558	164	35052	5.312	ug/L	98
48) 2-Hexanone	8.693	43	331297	55.596	ug/L	99
49) Dibromochloromethane	8.816	129	43596	5.674	ug/L	100
50) 1,2-Dibromoethane	8.931	107	37996	5.519	ug/L	100
51) Chlorobenzene	9.452	112	135021	5.433	ug/L	99
52) Ethylbenzene	9.578	91	235695	5.428	ug/L	99
53) m,p-Xylene	9.700	106	89642	5.429	ug/L	95
54) o-Xylene	10.105	106	86203	5.465	ug/L	100
55) Styrene	10.118	104	153276	5.551	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	55949	5.698	ug/L	97
59) Bromoform	10.298	173	23003	5.864	ug/L	96
60) Isopropylbenzene	10.491	105	228271	5.778	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	42347	6.073	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	183405	5.590	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	192844	5.723	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	102859	5.584	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	103950	5.470	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	100054	5.723	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	8798	5.737	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	72431	5.172	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	56250	4.762	ug/L	100
71) Naphthalene	14.092	128	102387	4.443	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	53238	4.896	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091621\
Data File : VU044655.D
Acq On : 16 Sep 2021 09:53
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 02:54:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 16 01:40:15 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD005110

Manual Integrations APPROVED
MMDadoda
9/17/2021 4:33:59 PM