Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090221\
Data File : VU044574.D
Acq On : 03 Sep 2021 00:14
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 03 02:48:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 03 02:43:14 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD005099

Manual Integrations APPROVED
MMDadoda
9/7/2021 9:08:14 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	107226	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	60155	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41019	4.730	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.600%			
7) Chloroethane-d5	1.919	69	39779	5.278	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.600%			
11) 1,1-Dichloroethene-d2	2.572	65	17676	4.792	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.800%			
20) 2-Butanone-d5	4.639	46	110823	46.208	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.420%			
24) Chloroform-d	5.070	84	73967	4.824	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
26) 1,2-Dichloroethane-d4	5.710	65	40477	4.840	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.800%			
32) Benzene-d6	5.732	84	154302	5.018	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.400%			
36) 1,2-Dichloropropane-d6	6.697	67	45995	4.675	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.600%			
41) Toluene-d8	7.903	98	143547	5.264	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.200%			
43) trans-1,3-Dichloroprop...	8.186	79	16045	4.541	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.800%			
46) 2-Hexanone-d5	8.642	63	96896	50.715	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.420%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42108	5.082	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.600%			
66) 1,2-Dichlorobenzene-d4	12.198	152	53869	5.300	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	46914	4.254	ug/L	100
3) Chloromethane	1.520	50	51884	3.591	ug/L	99
5) Vinyl chloride	1.607	62	58687	4.394	ug/L	99
6) Bromomethane	1.861	94	31748	4.374	ug/L	99
8) Chloroethane	1.938	64	37971	4.651	ug/L	99
9) Trichlorofluoromethane	2.144	101	72969	4.779	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	41725	4.966	ug/L	94
12) 1,1-Dichloroethene	2.584	96	40644	4.932	ug/L	91
13) Acetone	2.646	43	73824m	37.068	ug/L	
14) Carbon disulfide	2.800	76	113006	4.228	ug/L	99
15) Methyl Acetate	2.961	43	14574	4.480	ug/L #	88
16) Methylene chloride	3.054	84	47364	3.869	ug/L	87
17) Methyl tert-butyl Ether	3.372	73	97318	4.566	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	41699	4.857	ug/L	89
19) 1,1-Dichloroethane	3.877	63	72753	4.371	ug/L	99
21) 2-Butanone	4.719	43	121623m	42.854	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	45351	4.940	ug/L	91
23) Bromochloromethane	4.983	128	21760	5.377	ug/L	80
25) Chloroform	5.096	83	83157	4.869	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090221\
Data File : VU044574.D
Acq On : 03 Sep 2021 00:14
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005099

Manual Integrations APPROVED
MMDadoda
9/7/2021 9:08:14 AM

Quant Time: Sep 03 02:48:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 03 02:43:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	51791	4.547	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	64997	4.755	ug/L	98
30) Cyclohexane	5.395	56	62603	4.143	ug/L	93
31) Carbon tetrachloride	5.533	117	51990	4.629	ug/L	100
33) Benzene	5.780	78	174544	4.711	ug/L	100
34) Trichloroethene	6.549	95	44428	4.850	ug/L	96
35) Methylcyclohexane	6.771	83	67919	4.446	ug/L	94
37) 1,2-Dichloropropane	6.797	63	42890	4.421	ug/L	98
38) Bromodichloromethane	7.112	83	55778	4.682	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	57833	4.250	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	289049	43.878	ug/L	96
42) Toluene	7.973	91	190228	4.929	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	50953	4.418	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	35760	5.169	ug/L	99
47) Tetrachloroethene	8.558	164	33753	5.329	ug/L	96
48) 2-Hexanone	8.694	43	212700	45.250	ug/L	98
49) Dibromochloromethane	8.816	129	37256	5.089	ug/L	100
50) 1,2-Dibromoethane	8.928	107	33549	5.070	ug/L	96
51) Chlorobenzene	9.452	112	120501	5.088	ug/L	95
52) Ethylbenzene	9.575	91	199472	4.893	ug/L	100
53) m,p-Xylene	9.697	106	80579	5.257	ug/L	92
54) o-Xylene	10.105	106	75866	5.081	ug/L	95
55) Styrene	10.118	104	134471	5.493	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	44777	4.915	ug/L	100
59) Bromoform	10.295	173	20269	4.769	ug/L	98
60) Isopropylbenzene	10.488	105	199051	4.534	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	32148	4.277	ug/L	96
62) 1,3,5-Trimethylbenzene	11.092	105	161209	4.491	ug/L	97
63) 1,2,4-Trimethylbenzene	11.472	105	169079	4.593	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	96860	5.025	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	95903	4.924	ug/L	97
67) 1,2-Dichlorobenzene	12.217	146	92038	5.010	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.999	75	6794	4.418	ug/L	95
69) 1,3,5-Trichlorobenzene	13.224	180	70032	5.160	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	57825	5.436	ug/L	99
71) Naphthalene	14.089	128	104092	5.132	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	54123	5.557	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090221\
Data File : VU044574.D
Acq On : 03 Sep 2021 00:14
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 03 02:48:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 03 02:43:14 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD005099

Manual Integrations APPROVED
MMDadoda
9/7/2021 9:08:14 AM