Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
Data File : BN010654.D
Acq On : 29 Apr 2020 14:01
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02088

Manual Integrations APPROVED
mohammad
4/30/2020 12:03:48 AM

Quant Time: Apr 29 15:24:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 29 14:41:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	787062	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	3382762	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	2121145	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	4631584	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	4210020	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	3941670	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	104800	6.97	ng/uL	0.00
5) Phenol-d5	6.77	99	1240741	19.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	704137	22.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	1042499	19.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	1030207	19.66	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	519726	19.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	594580	20.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	1134069	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	1453152	22.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	3145349	19.99	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	3715087	19.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	541624	17.68	ng/ul	0.00
58) Fluorene-d10	15.21	176	2669488	18.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	439397	18.16	ng/ul	0.00
71) Anthracene-d10	17.06	188	4093880	19.08	ng/ul	0.00
79) Pyrene-d10	19.36	212	4601206	19.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3998452	19.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	119594	7.515	ng/uL	98
4) Benzaldehyde	6.73	77	848653	26.298	ng/ul	97
6) Phenol	6.80	94	1268648	19.722	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	976814	19.721	ng/ul	97
10) 2-Chlorophenol	7.15	128	1068064	19.814	ng/ul	98
11) 2-Methylphenol	8.02	108	983140	19.305	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.11	45	646749	20.535	ng/ul	99
14) Acetophenone	8.39	105	1601028	20.210	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.39	70	761816	20.077	ng/ul	96
16) 4-Methylphenol	8.35	108	1066355	19.575	ng/ul	95
17) Hexachloroethane	8.64	117	418527	18.720	ng/ul	93
20) Nitrobenzene	8.76	77	1204787	19.789	ng/ul	99
21) Isophorone	9.29	82	2162920	19.261	ng/ul	100
23) 2-Nitrophenol	9.46	139	631748	20.110	ng/ul	96
24) 2,4-Dimethylphenol	9.53	107	1208345	19.504	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.76	93	1347990	19.733	ng/ul	98
27) 2,4-Dichlorophenol	9.99	162	1090200	19.431	ng/ul	100
28) Naphthalene	10.39	128	3388857	18.641	ng/ul	99
30) 4-Chloroaniline	10.50	127	1492947	23.025	ng/ul	100
31) Hexachlorobutadiene	10.68	225	712196	18.235	ng/ul	98
32) Caprolactam	11.29	113	320293m	17.990	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	1150806	19.574	ng/ul	96
34) 2-Methylnaphthalene	12.00	142	2541314	19.779	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	2391113	18.594	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	1373287	19.419	ng/ul	92
38) Hexachlorocyclopentadiene	12.37	237	464654	13.503	ng/ul	96
39) 2,4,6-Trichlorophenol	12.63	196	899802	19.635	ng/ul	97
40) 2,4,5-Trichlorophenol	12.70	196	953993	19.357	ng/ul	99
41) 1,1'-Biphenyl	13.03	154	3227020	19.809	ng/ul	97
42) 2-Chloronaphthalene	13.07	162	2521506	19.148	ng/ul	99
43) 2-Nitroaniline	13.28	65	650464	21.294	ng/ul	95
45) Dimethylphthalate	13.68	163	3055348	18.699	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	713784	20.542	ng/ul	98
48) Acenaphthylene	13.93	152	3939713	19.308	ng/ul	98
49) 3-Nitroaniline	14.12	138	668585	20.222	ng/ul	91
50) Acenaphthene	14.27	153	2668501	19.111	ng/ul	97
51) 2,4-Dinitrophenol	14.32	184	250691	15.230	ng/ul	95
53) 4-Nitrophenol	14.45	109	434678	17.523	ng/ul	92
54) Dibenzofuran	14.61	168	3795486	19.417	ng/ul	100
55) 2,4-Dinitrotoluene	14.58	165	949099	19.173	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.85	232	830344	19.280	ng/ul	99
57) Diethylphthalate	15.06	149	3085957	18.785	ng/ul	100
59) Fluorene	15.26	166	3015833	18.817	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.26	204	1511549	18.442	ng/ul	96
61) 4-Nitroaniline	15.29	138	752156	20.085	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.35	198	481520	18.506	ng/ul	97
65) N-Nitrosodiphenylamine	15.48	169	2681751	19.987	ng/ul	97
66) 4-Bromophenyl-phenylether	16.16	248	966785	19.119	ng/ul	99
67) Hexachlorobenzene	16.27	284	1059598	18.421	ng/ul	97
68) Atrazine	16.45	200	868883	16.395	ng/ul	99
69) Pentachlorophenol	16.62	266	656564	17.880	ng/ul	97
70) Phenanthrene	17.00	178	4871294	18.939	ng/ul	98
72) Anthracene	17.09	178	5010373	19.217	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	1364167	18.571	ng/uL	94
74) Pentachlorobenzene	14.53	250	1243933	17.372	ng/uL	98
75) Carbazole	17.36	167	4467791	20.862	ng/ul	100
76) Di-n-butylphthalate	17.95	149	5363461	19.881	ng/ul	100
77) Fluoranthene	19.03	202	5814179	20.805	ng/ul	98
80) Pyrene	19.39	202	5725104	18.821	ng/ul	96
81) Butylbenzylphthalate	20.32	149	2496018	19.024	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.09	252	1594415	17.571	ng/ul	92
83) Benzo(a)anthracene	21.15	228	5379726	18.420	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	3650995	19.266	ng/ul	100
85) Chrysene	21.20	228	5051404	18.395	ng/ul	99
87) Di-n-octyl phthalate	21.97	149	5994468	21.381	ng/ul	100
88) Benzo(b)fluoranthene	22.70	252	4847409	18.846	ng/ul	100
89) Benzo(k)fluoranthene	22.74	252	4771395	18.698	ng/ul	97
91) Benzo(a)pyrene	23.24	252	4594701	20.107	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.47	276	5039390	19.592	ng/ul	98
93) Dibenzo(a,h)anthracene	25.49	278	4290971	19.863	ng/ul	99
94) Benzo(g,h,i)perylene	26.13	276	4175781	19.617	ng/ul	98

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

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