Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
Data File : BF120773.D
Acq On : 6 Jul 2020 15:57
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
7/7/2020 8:20:49 AM

Quant Time: Jul 06 16:21:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133139	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	484005	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	240799	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	417431	20.00	ng		0.00
76) Chrysene-d12	14.01	240	318217	20.00	ng		0.00
86) Perylene-d12	15.47	264	258529	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	685377	79.46	ng		0.00
7) Phenol-d6	6.47	99	866041	78.63	ng		0.00
23) Nitrobenzene-d5	7.41	82	734520	87.93	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	201300	83.21	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1335178	83.89	ng		0.00
79) Terphenyl-d14	12.96	244	1354691	83.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	159673	40.528	ng		100
3) Pyridine	3.33	79	437247	40.517	ng		97
4) n-Nitrosodimethylamine	3.28	42	222143	41.148	ng		95
6) Aniline	6.51	93	563319	39.823	ng		100
8) 2-Chlorophenol	6.63	128	364332	39.676	ng		99
9) Benzaldehyde	6.40	77	229546	35.041	ng		99
10) Phenol	6.49	94	454035m	40.072	ng		
11) bis(2-Chloroethyl)ether	6.59	93	365455	39.637	ng		98
12) 1,3-Dichlorobenzene	6.79	146	406667	40.235	ng		99
13) 1,4-Dichlorobenzene	6.87	146	405748	40.080	ng		98
14) 1,2-Dichlorobenzene	7.02	146	389335	40.423	ng		99
15) Benzyl Alcohol	6.99	79	332889	40.225	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	571135	39.713	ng		99
17) 2-Methylphenol	7.09	107	327714	39.893	ng		97
18) Hexachloroethane	7.36	117	154779	40.678	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	259362	39.108	ng		100
20) 3+4-Methylphenols	7.25	107	412250	40.746	ng		94
22) Acetophenone	7.26	105	504207	41.911	ng	#	92
24) Nitrobenzene	7.43	77	404697	43.146	ng		98
25) Isophorone	7.67	82	721471	40.046	ng		96
26) 2-Nitrophenol	7.75	139	144377	37.555	ng		98
27) 2,4-Dimethylphenol	7.78	122	288513	40.117	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	436399	40.928	ng		99
29) 2,4-Dichlorophenol	7.99	162	288695	40.211	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	330501	40.985	ng		99
31) Naphthalene	8.16	128	1064524	41.155	ng		100
32) Benzoic acid	7.89	122	167611	34.284	ng		99
33) 4-Chloroaniline	8.20	127	440324	40.116	ng		95
34) Hexachlorobutadiene	8.27	225	201042	41.453	ng		100
35) Caprolactam	8.57	113	83790	40.053	ng		97
36) 4-Chloro-3-methylphenol	8.67	107	303209	40.599	ng		99
37) 2-Methylnaphthalene	8.85	142	685904	40.791	ng		100
38) 1-Methylnaphthalene	8.95	142	643522	40.857	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	302938	41.626	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	174031	40.474	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	197250	39.776	ng		100
44) 2,4,5-Trichlorophenol	9.16	196	222910	40.504	ng		99
46) 1,1'-Biphenyl	9.31	154	804856	41.437	ng		99
47) 2-Chloronaphthalene	9.33	162	638450	41.029	ng		99
48) 2-Nitroaniline	9.43	65	196768	42.546	ng		100
49) Acenaphthylene	9.75	152	983423	40.310	ng		100
50) Dimethylphthalate	9.61	163	704784	40.122	ng		100
51) 2,6-Dinitrotoluene	9.67	165	139966	40.468	ng		96
52) Acenaphthene	9.92	154	620517	40.999	ng		98
53) 3-Nitroaniline	9.84	138	175385	41.278	ng		93
54) 2,4-Dinitrophenol	9.93	184	37426	33.535	ng	#	28
55) Dibenzofuran	10.09	168	891551	40.866	ng		99
56) 4-Nitrophenol	9.99	139	123587	39.452	ng		96
57) 2,4-Dinitrotoluene	10.07	165	178413	41.475	ng		95
58) Fluorene	10.43	166	685304	42.203	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	160941m	39.298	ng		
60) Diethylphthalate	10.31	149	728988	39.839	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	348615	42.706	ng		97
62) 4-Nitroaniline	10.45	138	167047	44.758	ng		97
63) Azobenzene	10.59	77	772197	41.253	ng		95
65) 4,6-Dinitro-2-methylphenol	10.47	198	58228	35.336	ng		94
66) n-Nitrosodiphenylamine	10.55	169	591696	42.290	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	202773	41.876	ng		98
68) Hexachlorobenzene	10.98	284	209791	41.288	ng		98
69) Atrazine	11.07	200	147176	40.831	ng		96
70) Pentachlorophenol	11.17	266	115955	40.335	ng		99
71) Phenanthrene	11.40	178	951368	42.004	ng		99
72) Anthracene	11.45	178	962705	42.063	ng		99
73) Carbazole	11.60	167	923664	41.996	ng		99
74) Di-n-butylphthalate	11.94	149	1122859	41.236	ng		99
75) Fluoranthene	12.59	202	997322	41.335	ng		97
77) Benzidine	12.70	184	339931	37.846	ng		98
78) Pyrene	12.81	202	1033210	40.654	ng		99
80) Butylbenzylphthalate	13.44	149	429748	39.166	ng		100
81) Benzo(a)anthracene	14.00	228	865003	42.406	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	264041	38.357	ng	#	98
83) Chrysene	14.04	228	853002	40.997	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	608565	42.295	ng		97
85) Di-n-octyl phthalate	14.61	149	981700	38.566	ng		98
87) Indeno(1,2,3-cd)pyrene	16.92	276	683159	41.198	ng		99
88) Benzo(b)fluoranthene	15.04	252	752224	44.258	ng		99
89) Benzo(k)fluoranthene	15.07	252	695907	42.078	ng		98
90) Benzo(a)pyrene	15.41	252	644826	42.530	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	578486	41.856	ng		99
92) Benzo(g,h,i)perylene	17.36	276	525010	41.564	ng		98

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

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