Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
Data File : BF120806.D
Acq On : 9 Jul 2020 9:09
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/10/2020 11:47:29 AM

Quant Time: Jul 09 11:36:56 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	137814	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	496404	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	235361	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	405810	20.00	ng		0.00
76) Chrysene-d12	14.01	240	303025	20.00	ng		0.00
86) Perylene-d12	15.47	264	259138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	688961	77.17	ng		0.00
7) Phenol-d6	6.47	99	852918	74.81	ng		0.00
23) Nitrobenzene-d5	7.41	82	721436	84.20	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	190624	80.62	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1239302	79.66	ng		0.00
79) Terphenyl-d14	12.96	244	1240273	80.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	157904	38.719	ng		99
3) Pyridine	3.33	79	432604	38.727	ng		99
4) n-Nitrosodimethylamine	3.27	42	206501	36.953	ng	#	98
6) Aniline	6.51	93	543643	37.128	ng		99
8) 2-Chlorophenol	6.63	128	364342	38.331	ng		98
9) Benzaldehyde	6.40	77	226578	33.415	ng		97
10) Phenol	6.49	94	442062m	37.691	ng		
11) bis(2-Chloroethyl)ether	6.59	93	361173	37.843	ng		97
12) 1,3-Dichlorobenzene	6.79	146	397670	38.010	ng		99
13) 1,4-Dichlorobenzene	6.87	146	401721	38.336	ng		99
14) 1,2-Dichlorobenzene	7.02	146	384968	38.614	ng		99
15) Benzyl Alcohol	6.99	79	313986	36.654	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	547394	36.771	ng		100
17) 2-Methylphenol	7.10	107	315204	37.069	ng		99
18) Hexachloroethane	7.36	117	154781	39.299	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	245231	35.723	ng		98
20) 3+4-Methylphenols	7.25	107	397523	37.957	ng		93
22) Acetophenone	7.26	105	472707	38.311	ng	#	95
24) Nitrobenzene	7.43	77	389332	40.471	ng		98
25) Isophorone	7.67	82	678299	36.710	ng		98
26) 2-Nitrophenol	7.75	139	156606	39.490	ng		97
27) 2,4-Dimethylphenol	7.78	122	282685	38.325	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	417409	38.169	ng		99
29) 2,4-Dichlorophenol	7.99	162	283008	38.434	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	325411	39.346	ng		100
31) Naphthalene	8.16	128	1021486	38.504	ng		99
32) Benzoic acid	7.88	122	192992	37.971	ng		96
33) 4-Chloroaniline	8.20	127	418571	37.182	ng		97
34) Hexachlorobutadiene	8.27	225	202147	40.640	ng		99
35) Caprolactam	8.56	113	77830	36.274	ng		96
36) 4-Chloro-3-methylphenol	8.67	107	282197	36.842	ng		96
37) 2-Methylnaphthalene	8.85	142	654900	37.975	ng		99
38) 1-Methylnaphthalene	8.95	142	610641	37.801	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	291155	40.932	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	164820	39.217	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	190434	39.289	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	217250	40.388	ng		99
46) 1,1'-Biphenyl	9.31	154	753034	39.665	ng		99
47) 2-Chloronaphthalene	9.33	162	604459	39.742	ng		99
48) 2-Nitroaniline	9.42	65	188648	41.782	ng		92
49) Acenaphthylene	9.75	152	922202	38.674	ng		99
50) Dimethylphthalate	9.61	163	661063	38.503	ng		100
51) 2,6-Dinitrotoluene	9.67	165	134794	39.907	ng		88
52) Acenaphthene	9.92	154	580926	39.270	ng		99
53) 3-Nitroaniline	9.83	138	167907	40.476	ng		98
54) 2,4-Dinitrophenol	9.93	184	42126	37.173	ng	#	80
55) Dibenzofuran	10.09	168	829382	38.895	ng		98
56) 4-Nitrophenol	9.98	139	117390	38.399	ng		92
57) 2,4-Dinitrotoluene	10.07	165	174816	41.570	ng		85
58) Fluorene	10.43	166	624196	39.328	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	158698	39.646	ng		91
60) Diethylphthalate	10.31	149	674045	37.687	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	321157	40.251	ng		97
62) 4-Nitroaniline	10.45	138	157771	43.250	ng		97
63) Azobenzene	10.59	77	689477	37.685	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	63566	38.819	ng	#	77
66) n-Nitrosodiphenylamine	10.55	169	543909	39.988	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	189961	40.354	ng		96
68) Hexachlorobenzene	10.98	284	199327	40.352	ng		95
69) Atrazine	11.07	200	129765	37.032	ng		99
70) Pentachlorophenol	11.17	266	108406	38.789	ng		99
71) Phenanthrene	11.39	178	876178	39.792	ng		100
72) Anthracene	11.45	178	875473	39.347	ng		99
73) Carbazole	11.60	167	835353	39.068	ng		99
74) Di-n-butylphthalate	11.93	149	1014966	38.341	ng		99
75) Fluoranthene	12.58	202	894569	38.138	ng		100
77) Benzidine	12.70	184	290207	33.930	ng		100
78) Pyrene	12.81	202	922362	38.112	ng		100
80) Butylbenzylphthalate	13.43	149	388413	37.174	ng		96
81) Benzo(a)anthracene	14.00	228	778974	40.103	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	244104	37.239	ng		98
83) Chrysene	14.03	228	765814	38.651	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	528445	38.568	ng	#	97
85) Di-n-octyl phthalate	14.61	149	871218	35.942	ng		99
87) Indeno(1,2,3-cd)pyrene	16.92	276	718280	43.214	ng		99
88) Benzo(b)fluoranthene	15.04	252	665346	39.055	ng		99
89) Benzo(k)fluoranthene	15.07	252	682047	41.143	ng		99
90) Benzo(a)pyrene	15.41	252	606765	39.926	ng		98
91) Dibenzo(a,h)anthracene	16.94	278	603548	43.566	ng		99
92) Benzo(g,h,i)perylene	17.36	276	551661	43.571	ng		99

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

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