Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\
Data File : BF117699.D
Acq On : 6 Nov 2019 14:20
Operator : JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
11/8/2019 3:30:32 PM

Quant Time: Nov 06 15:16:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	389720	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	1427537	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	753973	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	1371311	20.00	ng	0.00
76) Chrysene-d12	14.13	240	879145	20.00	ng	0.00
87) Perylene-d12	15.63	264	835992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2399089	101.60	ng	0.00
7) Phenol-d6	6.56	99	2969008	101.83	ng	0.00
23) Nitrobenzene-d5	7.51	82	2827616	122.03	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	842943	114.72	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	4326393	110.05	ng	0.00
79) Terphenyl-d14	13.07	244	4697404	110.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.76	88	622943	56.631	ng	99
3) Pyridine	3.52	79	1712369	57.671	ng	99
4) n-Nitrosodimethylamine	3.49	42	758683	56.418	ng	98
6) Aniline	6.60	93	2169627	54.838	ng	99
8) 2-Chlorophenol	6.73	128	1350487	55.751	ng	98
9) Benzaldehyde	6.49	77	1037491	67.626	ng	98
10) Phenol	6.57	94	1584041m	54.403	ng	
11) bis(2-Chloroethyl)ether	6.67	93	1348066	56.405	ng	99
12) 1,3-Dichlorobenzene	6.88	146	1561057	55.821	ng	97
13) 1,4-Dichlorobenzene	6.96	146	1559742	55.536	ng	97
14) 1,2-Dichlorobenzene	7.12	146	1418289	55.124	ng	99
15) Benzyl Alcohol	7.08	79	1214949	56.790	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	2128011	55.958	ng	98
17) 2-Methylphenol	7.18	107	1179432	56.408	ng	99
18) Hexachloroethane	7.46	117	588293	56.547	ng	98
19) n-Nitroso-di-n-propylamine	7.36	70	981796	55.343	ng	96
20) 3+4-Methylphenols	7.34	107	1351564	54.796	ng	94
22) Acetophenone	7.35	105	1846857	57.442	ng	98
24) Nitrobenzene	7.53	77	1469077	61.588	ng	99
25) Isophorone	7.77	82	2695540	60.678	ng	100
26) 2-Nitrophenol	7.84	139	718934	68.502	ng	96
27) 2,4-Dimethylphenol	7.87	122	1152528	60.695	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	1712950	61.068	ng	100
29) 2,4-Dichlorophenol	8.08	162	1192259	62.354	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	1351817	61.683	ng	99
31) Naphthalene	8.25	128	3632781	58.530	ng	98
32) Benzoic acid	8.01	122	983731	69.509	ng	95
33) 4-Chloroaniline	8.29	127	1756588	59.967	ng	96
34) Hexachlorobutadiene	8.37	225	771827	61.530	ng	97
35) Caprolactam	8.68	113	398062m	61.580	ng	
36) 4-Chloro-3-methylphenol	8.77	107	1198949	61.612	ng	99
37) 2-Methylnaphthalene	8.94	142	2499057	59.314	ng	99
38) 1-Methylnaphthalene	9.04	142	2356089	59.029	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	1190905	59.611	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	679443	61.600	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	895457	64.955	ng		97
44) 2,4,5-Trichlorophenol	9.25	196	884949	63.813	ng		98
46) 1,1'-Biphenyl	9.41	154	2911532	55.717	ng		99
47) 2-Chloronaphthalene	9.43	162	2496297	59.826	ng		96
48) 2-Nitroaniline	9.53	65	819057	65.294	ng		96
49) Acenaphthylene	9.85	152	3569727	58.107	ng		97
50) Dimethylphthalate	9.71	163	2901862	60.581	ng		99
51) 2,6-Dinitrotoluene	9.77	165	680551	65.329	ng		99
52) Acenaphthene	10.03	154	2308811	59.564	ng		99
53) 3-Nitroaniline	9.94	138	816403	64.388	ng		98
54) 2,4-Dinitrophenol	10.04	184	258412	76.621	ng	#	82
55) Dibenzofuran	10.20	168	3229557	59.194	ng		97
56) 4-Nitrophenol	10.09	139	617357	65.705	ng		97
57) 2,4-Dinitrotoluene	10.17	165	888532	67.922	ng		97
58) Fluorene	10.54	166	2343916	57.950	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	743005	66.575	ng		99
60) Diethylphthalate	10.41	149	2859949	60.856	ng		98
61) 4-Chlorophenyl-phenylether	10.53	204	1239734	59.262	ng		96
62) 4-Nitroaniline	10.56	138	813907	65.887	ng		97
63) Azobenzene	10.69	77	2682684	59.439	ng		96
65) 4,6-Dinitro-2-methylphenol	10.58	198	357724	72.441	ng		97
66) n-Nitrosodiphenylamine	10.65	169	2275228	57.195	ng		99
67) 4-Bromophenyl-phenylether	11.02	248	864482	59.592	ng		94
68) Hexachlorobenzene	11.09	284	992703	59.000	ng		96
69) Atrazine	11.17	200	772592	93.979	ng		99
70) Pentachlorophenol	11.27	266	572552	67.162	ng		98
71) Phenanthrene	11.50	178	3580764	55.673	ng		99
72) Anthracene	11.56	178	3569792	55.232	ng		97
73) Carbazole	11.71	167	3281715	55.537	ng		98
74) Di-n-butylphthalate	12.04	149	3975385	56.050	ng	#	97
75) Fluoranthene	12.70	202	3662798	55.856	ng		98
77) Benzidine	12.82	184	1753065	101.449	ng		97
78) Pyrene	12.93	202	3704211	59.938	ng		97
80) Butylbenzylphthalate	13.55	149	1788751	63.687	ng		96
81) Benzo(a)anthracene	14.12	228	3149408	60.784	ng		98
82) 3,3'-Dichlorobenzidine	14.08	252	1188034	63.597	ng		99
83) Chrysene	14.16	228	3113308	61.078	ng		97
84) Bis(2-ethylhexyl)phthalate	14.10	149	2234236	62.154	ng		99
85) Di-n-octyl phthalate	14.73	149	3520105	63.131	ng		99
86) Indeno(1,2,3-cd)pyrene	17.18	276	3035388	63.495	ng		100
88) Benzo(b)fluoranthene	15.19	252	3170286	63.942	ng		98
89) Benzo(k)fluoranthene	15.23	252	2667041	58.137	ng		97
90) Benzo(a)pyrene	15.57	252	2668514	61.260	ng		97
91) Dibenzo(a,h)anthracene	17.20	278	2474753	63.823	ng		98
92) Benzo(g,h,i)perylene	17.65	276	2434770	64.250	ng		100

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

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