Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120950.D
Acq On : 21 Jul 2020 11:05
Operator : JU/CG
Sample : PB130301BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130301BSD

Manual Integrations APPROVED
Sohil
7/24/2020 12:09:42 PM

Quant Time: Jul 21 12:19:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	193048	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	746652	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	385576	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	728252	20.00	ng		0.00
76) Chrysene-d12	13.98	240	550474	20.00	ng		0.00
86) Perylene-d12	15.42	264	558355	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1405116	119.32	ng		0.02
7) Phenol-d6	6.46	99	1748178	114.93	ng		0.01
23) Nitrobenzene-d5	7.38	82	1129605	87.54	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	525875	124.60	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	2011159	77.88	ng		0.00
79) Terphenyl-d14	12.93	244	2178559	86.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	214539	39.586	ng		99
3) Pyridine	3.37	79	588083	40.790	ng		99
4) n-Nitrosodimethylamine	3.32	42	267380	43.371	ng		95
6) Aniline	6.48	93	728452	36.687	ng		98
8) 2-Chlorophenol	6.60	128	589499	45.442	ng		97
9) Benzaldehyde	6.36	77	248887	31.972	ng		100
10) Phenol	6.47	94	675456	40.367	ng		85
11) bis(2-Chloroethyl)ether	6.55	93	551386	42.997	ng		98
12) 1,3-Dichlorobenzene	6.76	146	586753	41.712	ng		99
13) 1,4-Dichlorobenzene	6.83	146	587657	42.013	ng		100
14) 1,2-Dichlorobenzene	6.99	146	545988	41.260	ng		99
15) Benzyl Alcohol	6.96	79	430249	39.996	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	770054	41.661	ng		100
17) 2-Methylphenol	7.07	107	462670	40.239	ng		98
18) Hexachloroethane	7.33	117	223032	44.054	ng		96
19) n-Nitroso-di-n-propylamine	7.24	70	362719	41.934	ng		99
20) 3+4-Methylphenols	7.23	107	512430	35.034	ng		92
22) Acetophenone	7.23	105	700810	41.822	ng	#	92
24) Nitrobenzene	7.40	77	581833	41.835	ng		98
25) Isophorone	7.65	82	1073052	41.667	ng		100
26) 2-Nitrophenol	7.72	139	310063	46.942	ng		99
27) 2,4-Dimethylphenol	7.76	122	475683	44.356	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	686221	43.652	ng		99
29) 2,4-Dichlorophenol	7.96	162	481555	43.943	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	517497	42.563	ng		100
31) Naphthalene	8.12	128	1579928	41.252	ng		99
32) Benzoic acid	7.89	122	350945	43.594	ng		98
33) 4-Chloroaniline	8.17	127	595417	34.850	ng		100
34) Hexachlorobutadiene	8.24	225	299670	41.810	ng		99
35) Caprolactam	8.55	113	151368m	43.072	ng		
36) 4-Chloro-3-methylphenol	8.66	107	499154	44.412	ng		99
37) 2-Methylnaphthalene	8.82	142	1081654	43.495	ng		99
38) 1-Methylnaphthalene	8.92	142	1025798	43.553	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	461296	41.062	ng		99

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Quant Time: Jul 21 12:19:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	516526	83.192	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	363475	45.953	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	364648	40.642	ng		98
46) 1,1'-Biphenyl	9.28	154	1254472	42.652	ng		99
47) 2-Chloronaphthalene	9.30	162	996842	41.571	ng		98
48) 2-Nitroaniline	9.40	65	313857	43.310	ng		98
49) Acenaphthylene	9.72	152	1558477	41.835	ng		99
50) Dimethylphthalate	9.58	163	1195244	42.968	ng		98
51) 2,6-Dinitrotoluene	9.64	165	271475	45.426	ng		97
52) Acenaphthene	9.89	154	1098195m	46.368	ng		
53) 3-Nitroaniline	9.81	138	256587	34.233	ng		99
54) 2,4-Dinitrophenol	9.92	184	289182	83.719	ng		89
55) Dibenzofuran	10.06	168	1399859	40.872	ng		99
56) 4-Nitrophenol	9.98	139	481244	84.524	ng		95
57) 2,4-Dinitrotoluene	10.05	165	357020	45.492	ng		95
58) Fluorene	10.40	166	1025227	40.135	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	316755	46.368	ng		98
60) Diethylphthalate	10.28	149	1197920	42.576	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	503094	36.925	ng		99
62) 4-Nitroaniline	10.43	138	296696	40.637	ng		98
63) Azobenzene	10.56	77	1122705	41.914	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	192170	45.786	ng		92
66) n-Nitrosodiphenylamine	10.52	169	997265	43.531	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	344918	42.481	ng		92
68) Hexachlorobenzene	10.95	284	385350	43.874	ng	#	92
69) Atrazine	11.05	200	282006	49.704	ng		100
70) Pentachlorophenol	11.15	266	432368	85.929	ng		100
71) Phenanthrene	11.36	178	1556966	41.570	ng		99
72) Anthracene	11.42	178	1608494	42.768	ng		99
73) Carbazole	11.57	167	1524297	40.840	ng		99
74) Di-n-butylphthalate	11.90	149	1783682	41.412	ng		100
75) Fluoranthene	12.55	202	1720468	41.442	ng		98
77) Benzidine	12.67	184	853223	58.953	ng		99
78) Pyrene	12.78	202	1745319	44.845	ng		100
80) Butylbenzylphthalate	13.40	149	790604	45.569	ng		100
81) Benzo(a)anthracene	13.97	228	1380562	41.416	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	544168	43.271	ng		99
83) Chrysene	14.00	228	1457820	41.616	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	918622	42.939	ng		100
85) Di-n-octyl phthalate	14.57	149	1817661	42.705	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1590392	40.956	ng		99
88) Benzo(b)fluoranthene	15.01	252	1577866	46.751	ng		100
89) Benzo(k)fluoranthene	15.04	252	1386694	45.051	ng		99
90) Benzo(a)pyrene	15.37	252	1367155	44.399	ng		100
91) Dibenzo(a,h)anthracene	16.88	278	1316818	41.514	ng		99
92) Benzo(g,h,i)perylene	17.29	276	1280680	40.949	ng		99

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

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