Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120442.D
Acq On : 29 May 2020 16:39
Operator : MA/SJ
Sample : PB129143BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB129143BS

Manual Integrations APPROVED
mohammad
6/1/2020 12:21:08 PM

Quant Time: May 29 17:12:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	274605	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1039536	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	506580	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	823330	20.00	ng		0.00
76) Chrysene-d12	14.00	240	501914	20.00	ng		0.00
86) Perylene-d12	15.44	264	556675	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1794053	124.51	ng		0.02
7) Phenol-d6	6.47	99	2264621	127.51	ng		0.00
23) Nitrobenzene-d5	7.40	82	1450236	91.26	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	577435	123.02	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2608189	87.36	ng		0.00
79) Terphenyl-d14	12.95	244	2218988	98.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	290637	40.718	ng		100
3) Pyridine	3.43	79	692345	35.023	ng		96
4) n-Nitrosodimethylamine	3.38	42	365588	43.700	ng		99
6) Aniline	6.50	93	790122	31.906	ng		99
8) 2-Chlorophenol	6.62	128	770170	47.402	ng		97
9) Benzaldehyde	6.39	77	434633	40.153	ng		98
10) Phenol	6.49	94	836894m	43.090	ng		
11) bis(2-Chloroethyl)ether	6.57	93	725656	44.711	ng		97
12) 1,3-Dichlorobenzene	6.78	146	782536	43.840	ng		99
13) 1,4-Dichlorobenzene	6.86	146	794948	44.637	ng		98
14) 1,2-Dichlorobenzene	7.01	146	727498	44.226	ng		97
15) Benzyl Alcohol	6.98	79	616391	46.040	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1102764	43.100	ng		100
17) 2-Methylphenol	7.09	107	608007	41.849	ng		98
18) Hexachloroethane	7.35	117	283847	43.541	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	493744	43.734	ng		98
20) 3+4-Methylphenols	7.25	107	676112	36.837	ng		94
22) Acetophenone	7.25	105	926156	43.868	ng	#	98
24) Nitrobenzene	7.42	77	745608	43.555	ng		98
25) Isophorone	7.66	82	1389901	43.515	ng		98
26) 2-Nitrophenol	7.74	139	373771	48.426	ng		98
27) 2,4-Dimethylphenol	7.77	122	653094	48.724	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	894323	46.495	ng		99
29) 2,4-Dichlorophenol	7.97	162	613298	45.300	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	690087	45.420	ng		98
31) Naphthalene	8.15	128	2052947	44.967	ng		99
32) Benzoic acid	7.90	122	471969	47.450	ng		97
33) 4-Chloroaniline	8.19	127	391002	19.324	ng		98
34) Hexachlorobutadiene	8.26	225	399617	44.373	ng		99
35) Caprolactam	8.56	113	191439m	43.662	ng		
36) 4-Chloro-3-methylphenol	8.67	107	612459	44.589	ng		99
37) 2-Methylnaphthalene	8.83	142	1380865	45.663	ng		99
38) 1-Methylnaphthalene	8.93	142	1302051	45.616	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	639872	49.255	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	470053	64.832	ng		100
43) 2,4,6-Trichlorophenol	9.11	196	454305	48.354	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	467085	43.857	ng		98
46) 1,1'-Biphenyl	9.30	154	1635325	49.141	ng		99
47) 2-Chloronaphthalene	9.32	162	1242924	45.358	ng		97
48) 2-Nitroaniline	9.42	65	371958	44.565	ng		98
49) Acenaphthylene	9.74	152	1952172	46.101	ng		100
50) Dimethylphthalate	9.60	163	1466167	46.295	ng		100
51) 2,6-Dinitrotoluene	9.66	165	319153	45.346	ng	#	84
52) Acenaphthene	9.91	154	1212696	45.886	ng		99
53) 3-Nitroaniline	9.82	138	169842	20.550	ng		100
54) 2,4-Dinitrophenol	9.93	184	155569	57.275	ng		94
55) Dibenzofuran	10.09	168	1702688	44.334	ng		97
56) 4-Nitrophenol	9.99	139	545624	86.232	ng		98
57) 2,4-Dinitrotoluene	10.06	165	399497	44.351	ng		94
58) Fluorene	10.43	166	1202345	41.718	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	374543	45.131	ng		99
60) Diethylphthalate	10.30	149	1444762	45.144	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	627451	40.156	ng		100
62) 4-Nitroaniline	10.44	138	251965	32.293	ng		99
63) Azobenzene	10.58	77	1303199	43.291	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	114972	38.285	ng		87
66) n-Nitrosodiphenylamine	10.54	169	1184441	51.789	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	406019	48.854	ng		98
68) Hexachlorobenzene	10.97	284	433625	48.994	ng	#	90
69) Atrazine	11.06	200	326963	50.721	ng		99
70) Pentachlorophenol	11.16	266	481279	88.939	ng		97
71) Phenanthrene	11.39	178	1682254	46.371	ng		100
72) Anthracene	11.44	178	1716581	47.159	ng		100
73) Carbazole	11.59	167	1561957	44.365	ng		99
74) Di-n-butylphthalate	11.92	149	1999829	48.830	ng		99
75) Fluoranthene	12.57	202	1630529	41.770	ng		97
77) Benzidine	12.69	184	1101418	83.519	ng		97
78) Pyrene	12.80	202	1617765	46.347	ng		99
80) Butylbenzylphthalate	13.42	149	718521	49.308	ng		98
81) Benzo(a)anthracene	13.99	228	1268255	47.147	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	505906	51.803	ng		100
83) Chrysene	14.03	228	1322130	46.882	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	935367	54.682	ng		99
85) Di-n-octyl phthalate	14.59	149	1667503	56.337	ng		99
87) Indeno(1,2,3-cd)pyrene	16.89	276	1418311	46.583	ng		99
88) Benzo(b)fluoranthene	15.03	252	1418752	45.885	ng		99
89) Benzo(k)fluoranthene	15.06	252	1223777	42.397	ng		99
90) Benzo(a)pyrene	15.39	252	1224578	45.279	ng		99
91) Dibenzo(a,h)anthracene	16.91	278	1195489	48.161	ng		99
92) Benzo(g,h,i)perylene	17.33	276	1169386	47.764	ng		98

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

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