Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120954.D
Acq On : 21 Jul 2020 15:12
Operator : JU/CG
Sample : PB130359BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130359BS

Manual Integrations APPROVED
Sohil
7/24/2020 12:09:44 PM

Quant Time: Jul 21 15:47:59 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	171761	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	642086	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	343123	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	655000	20.00	ng	0.00
76) Chrysene-d12	13.97	240	500832	20.00	ng	0.00
86) Perylene-d12	15.42	264	474453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	812406	77.54	ng	0.01
7) Phenol-d6	6.45	99	992508	73.33	ng	0.00
23) Nitrobenzene-d5	7.38	82	909691	81.98	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	304899	81.18	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1660766	72.27	ng	0.00
79) Terphenyl-d14	12.92	244	1822889	79.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.62	88	163553	33.918	ng	99
3) Pyridine	3.36	79	388680	30.301	ng	99
4) n-Nitrosodimethylamine	3.30	42	205815	37.522	ng	96
6) Aniline	6.47	93	570135	32.272	ng	100
8) 2-Chlorophenol	6.60	128	464286	40.225	ng	99
9) Benzaldehyde	6.36	77	349370	61.275	ng	99
10) Phenol	6.46	94	574003	38.555	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	433319	37.978	ng	99
12) 1,3-Dichlorobenzene	6.76	146	467718	37.370	ng	99
13) 1,4-Dichlorobenzene	6.83	146	473468	38.044	ng	98
14) 1,2-Dichlorobenzene	6.99	146	435613	36.999	ng	99
15) Benzyl Alcohol	6.96	79	354510	37.040	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	604737	36.772	ng	99
17) 2-Methylphenol	7.07	107	367425	35.916	ng	99
18) Hexachloroethane	7.33	117	173882	38.602	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	284152	36.922	ng	98
20) 3+4-Methylphenols	7.22	107	417844	32.108	ng	88
22) Acetophenone	7.23	105	568526	39.453	ng	96
24) Nitrobenzene	7.40	77	465619	38.931	ng	99
25) Isophorone	7.64	82	851252	38.437	ng	99
26) 2-Nitrophenol	7.72	139	242669	42.722	ng	99
27) 2,4-Dimethylphenol	7.75	122	403048	43.703	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	545374	40.342	ng	99
29) 2,4-Dichlorophenol	7.96	162	383742	40.720	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	411204	39.329	ng	100
31) Naphthalene	8.12	128	1280549	38.880	ng	99
32) Benzoic acid	7.88	122	279221	40.333	ng	97
33) 4-Chloroaniline	8.17	127	397933	27.084	ng	98
34) Hexachlorobutadiene	8.24	225	235267	38.170	ng	99
35) Caprolactam	8.55	113	122796m	40.633	ng	
36) 4-Chloro-3-methylphenol	8.65	107	402644	41.659	ng	99
37) 2-Methylnaphthalene	8.81	142	872731	40.810	ng	98
38) 1-Methylnaphthalene	8.91	142	825643	40.764	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	381650	38.176	ng	99

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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	458887	83.053	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	281874	40.045	ng		96
44) 2,4,5-Trichlorophenol	9.13	196	306403	38.375	ng		95
46) 1,1'-Biphenyl	9.27	154	1056004	40.346	ng		99
47) 2-Chloronaphthalene	9.30	162	813603	38.127	ng		99
48) 2-Nitroaniline	9.40	65	253556	39.318	ng		95
49) Acenaphthylene	9.72	152	1305741	39.388	ng		100
50) Dimethylphthalate	9.58	163	971120	39.231	ng		99
51) 2,6-Dinitrotoluene	9.64	165	217755	40.945	ng		93
52) Acenaphthene	9.89	154	876739m	41.598	ng		
53) 3-Nitroaniline	9.80	138	167017	25.040	ng		96
54) 2,4-Dinitrophenol	9.92	184	208639	69.168	ng	#	81
55) Dibenzofuran	10.06	168	1168189	38.328	ng		98
56) 4-Nitrophenol	9.97	139	384364	75.861	ng		97
57) 2,4-Dinitrotoluene	10.04	165	294775	42.208	ng	#	90
58) Fluorene	10.40	166	851887	37.476	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	257876	42.419	ng		98
60) Diethylphthalate	10.28	149	984713	39.328	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	424324	34.997	ng		99
62) 4-Nitroaniline	10.42	138	244102	37.570	ng		99
63) Azobenzene	10.56	77	918868	38.548	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	142340	38.385	ng		93
66) n-Nitrosodiphenylamine	10.52	169	822182	39.902	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	282284	38.655	ng	#	91
68) Hexachlorobenzene	10.95	284	316270	40.036	ng	#	91
69) Atrazine	11.05	200	237683	46.577	ng		99
70) Pentachlorophenol	11.15	266	357703	79.040	ng		100
71) Phenanthrene	11.36	178	1310829	38.912	ng		100
72) Anthracene	11.42	178	1348477	39.865	ng		99
73) Carbazole	11.57	167	1264359	37.664	ng		99
74) Di-n-butylphthalate	11.90	149	1544469	39.868	ng		100
75) Fluoranthene	12.55	202	1428986	38.270	ng		98
77) Benzidine	12.67	184	919095	69.799	ng		99
78) Pyrene	12.78	202	1479604	41.786	ng		100
80) Butylbenzylphthalate	13.40	149	688834	43.639	ng		100
81) Benzo(a)anthracene	13.97	228	1192396	39.317	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	401081	35.054	ng		99
83) Chrysene	14.00	228	1273615	39.961	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	848462	43.590	ng		99
85) Di-n-octyl phthalate	14.57	149	1668637	43.089	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1130218	34.253	ng		100
88) Benzo(b)fluoranthene	15.00	252	1200392	41.856	ng		100
89) Benzo(k)fluoranthene	15.03	252	1205463	46.089	ng		100
90) Benzo(a)pyrene	15.36	252	1070524	40.913	ng		100
91) Dibenzo(a,h)anthracene	16.87	278	966425	35.856	ng		98
92) Benzo(g,h,i)perylene	17.28	276	905687	34.080	ng		100

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

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