Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
Data File : BF121185.D
Acq On : 5 Aug 2020 10:29
Operator : JU/CG
Sample : PB130683BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Manual Integrations APPROVED
mohammad
8/6/2020 1:20:55 PM

Quant Time: Aug 05 11:29:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	134154	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	507863	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	256497	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	487614	20.00	ng		0.00
76) Chrysene-d12	13.97	240	379612	20.00	ng		0.00
86) Perylene-d12	15.41	264	374331	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	818781	100.05	ng		0.00
7) Phenol-d6	6.44	99	991265	93.77	ng		0.00
23) Nitrobenzene-d5	7.36	82	653395	74.44	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	302710	107.82	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1210370	70.45	ng		0.00
79) Terphenyl-d14	12.91	244	1242588	71.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	131798	34.995	ng		99
3) Pyridine	3.30	79	306946	30.637	ng		99
4) n-Nitrosodimethylamine	3.25	42	157013	36.650	ng		97
6) Aniline	6.46	93	421117	30.519	ng		93
8) 2-Chlorophenol	6.58	128	369586	40.997	ng		100
9) Benzaldehyde	6.35	77	236112	48.863	ng		97
10) Phenol	6.45	94	432229	37.171	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	346447	38.876	ng		97
12) 1,3-Dichlorobenzene	6.73	146	376212	38.485	ng		98
13) 1,4-Dichlorobenzene	6.81	146	377851	38.872	ng		99
14) 1,2-Dichlorobenzene	6.96	146	364440	39.631	ng		99
15) Benzyl Alcohol	6.94	79	288468	38.588	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	475272	37.001	ng		98
17) 2-Methylphenol	7.06	107	291920	36.534	ng		100
18) Hexachloroethane	7.30	117	140628	39.972	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	221256	36.809	ng		97
20) 3+4-Methylphenols	7.21	107	335343	32.992	ng		98
22) Acetophenone	7.20	105	461264	40.469	ng	#	96
24) Nitrobenzene	7.38	77	368153	38.917	ng		99
25) Isophorone	7.62	82	665506	37.992	ng		96
26) 2-Nitrophenol	7.69	139	199234	44.345	ng		97
27) 2,4-Dimethylphenol	7.73	122	315624	43.269	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	432382	40.437	ng		100
29) 2,4-Dichlorophenol	7.94	162	305635	41.003	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	329330	39.823	ng		99
31) Naphthalene	8.10	128	1013508	38.905	ng		100
32) Benzoic acid	7.87	122	165679	30.257	ng		99
33) 4-Chloroaniline	8.15	127	304790	26.227	ng		100
34) Hexachlorobutadiene	8.22	225	190398	39.055	ng		98
35) Caprolactam	8.53	113	93030m	38.919	ng		
36) 4-Chloro-3-methylphenol	8.64	107	309508	40.486	ng		100
37) 2-Methylnaphthalene	8.79	142	691668	40.891	ng		99
38) 1-Methylnaphthalene	8.89	142	647879	40.441	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	318559	42.627	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	318805	77.187	ng		100
43) 2,4,6-Trichlorophenol	9.07	196	217514	41.338	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	229054	38.376	ng		97
46) 1,1'-Biphenyl	9.26	154	828271	42.333	ng		99
47) 2-Chloronaphthalene	9.28	162	641480	40.213	ng		98
48) 2-Nitroaniline	9.38	65	191828	39.792	ng		98
49) Acenaphthylene	9.70	152	1013319	40.890	ng		99
50) Dimethylphthalate	9.56	163	753756	40.733	ng		99
51) 2,6-Dinitrotoluene	9.62	165	166745	41.943	ng		98
52) Acenaphthene	9.87	154	579903	36.806	ng		100
53) 3-Nitroaniline	9.79	138	127818	25.635	ng		99
54) 2,4-Dinitrophenol	9.90	184	162681	71.852	ng		94
55) Dibenzofuran	10.05	168	891079	39.110	ng		97
56) 4-Nitrophenol	9.97	139	249179	65.789	ng		99
57) 2,4-Dinitrotoluene	10.03	165	215785	41.332	ng		87
58) Fluorene	10.39	166	668398	39.334	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	190493	41.918	ng		97
60) Diethylphthalate	10.26	149	752017	40.178	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	333119	36.754	ng		99
62) 4-Nitroaniline	10.41	138	179708	37.000	ng		98
63) Azobenzene	10.54	77	697223	39.128	ng		96
65) 4,6-Dinitro-2-methylphenol	10.44	198	114991	41.327	ng		98
66) n-Nitrosodiphenylamine	10.50	169	629821	41.059	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	219678	40.408	ng		94
68) Hexachlorobenzene	10.93	284	247979	42.167	ng	#	93
69) Atrazine	11.03	200	178600	47.014	ng		98
70) Pentachlorophenol	11.13	266	249103	73.938	ng		99
71) Phenanthrene	11.35	178	1001752	39.945	ng		100
72) Anthracene	11.40	178	1034768	41.091	ng		99
73) Carbazole	11.56	167	955577	38.237	ng		99
74) Di-n-butylphthalate	11.89	149	1183413	41.035	ng		100
75) Fluoranthene	12.54	202	1084948	39.031	ng		99
77) Benzidine	12.66	184	561082	56.217	ng		99
78) Pyrene	12.77	202	1115912	41.578	ng		99
80) Butylbenzylphthalate	13.38	149	510848	42.698	ng		94
81) Benzo(a)anthracene	13.96	228	967582	42.092	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	314102	36.218	ng		100
83) Chrysene	13.99	228	946839	39.195	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	692843	46.962	ng		100
85) Di-n-octyl phthalate	14.55	149	1224594	41.721	ng		98
87) Indeno(1,2,3-cd)pyrene	16.85	276	1014627	38.974	ng		100
88) Benzo(b)fluoranthene	14.99	252	988576	43.690	ng		99
89) Benzo(k)fluoranthene	15.03	252	877306	42.514	ng		99
90) Benzo(a)pyrene	15.35	252	856659	41.497	ng		100
91) Dibenzo(a,h)anthracene	16.86	278	848434	39.897	ng		99
92) Benzo(g,h,i)perylene	17.28	276	854581	40.757	ng		99

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

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