Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120295.D
Acq On : 14 May 2020 17:20
Operator : MA/SJ
Sample : PB128845BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128845BS

Manual Integrations APPROVED
mohammad
5/18/2020 1:31:52 PM

Quant Time: May 14 18:24:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:47:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	357565	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	1426033	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	772666	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1415719	20.00	ng		0.00
76) Chrysene-d12	13.79	240	1059867	20.00	ng		0.00
87) Perylene-d12	15.17	264	972632	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1938813	105.50	ng		0.01
7) Phenol-d6	6.28	99	2427082	104.44	ng		0.00
23) Nitrobenzene-d5	7.20	82	1525546	73.24	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	667797	106.00	ng		0.00
45) 2-Fluorobiphenyl	8.99	172	2699702	71.78	ng		0.00
79) Terphenyl-d14	12.73	244	3118526	65.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	269603	36.880	ng		99
3) Pyridine	2.95	79	620533	27.004	ng		96
4) n-Nitrosodimethylamine	2.89	42	324754	36.092	ng		97
6) Aniline	6.29	93	650361	21.882	ng	#	75
8) 2-Chlorophenol	6.41	128	792711	36.996	ng		97
9) Benzaldehyde	6.17	77	492046	34.345	ng		99
10) Phenol	6.29	94	942895	34.756	ng		84
11) bis(2-Chloroethyl)ether	6.36	93	713007	32.902	ng		96
12) 1,3-Dichlorobenzene	6.56	146	771869	33.665	ng		98
13) 1,4-Dichlorobenzene	6.64	146	816607	34.580	ng		97
14) 1,2-Dichlorobenzene	6.79	146	730429	34.348	ng		98
15) Benzyl Alcohol	6.78	79	602238	36.477	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1186049	34.730	ng		99
17) 2-Methylphenol	6.90	107	620761	34.318	ng		97
18) Hexachloroethane	7.13	117	296124	32.917	ng		96
19) n-Nitroso-di-n-propylamine	7.05	70	539613	35.443	ng		94
20) 3+4-Methylphenols	7.06	107	800818	34.052	ng		98
22) Acetophenone	7.04	105	1054034	36.080	ng		98
24) Nitrobenzene	7.22	77	796648	35.540	ng		99
25) Isophorone	7.45	82	1370604	31.627	ng		98
26) 2-Nitrophenol	7.53	139	401609	34.257	ng		92
27) 2,4-Dimethylphenol	7.58	122	615979	36.120	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	901561	33.098	ng		98
29) 2,4-Dichlorophenol	7.78	162	610711	34.868	ng		98
30) 1,2,4-Trichlorobenzene	7.85	180	661636	34.089	ng		98
31) Naphthalene	7.93	128	2253169	37.437	ng		99
32) Benzoic acid	7.73	122	364874	32.642	ng		98
33) 4-Chloroaniline	7.99	127	275034	10.028	ng		97
34) Hexachlorobutadiene	8.05	225	362466	32.310	ng		97
35) Caprolactam	8.36	113	198744m	34.684	ng		
36) 4-Chloro-3-methylphenol	8.49	107	649129	34.260	ng		99
37) 2-Methylnaphthalene	8.62	142	1516202	36.813	ng		98
38) 1-Methylnaphthalene	8.72	142	1416019	35.448	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	639351	32.816	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	554845	69.946	ng	99
43) 2,4,6-Trichlorophenol	8.91	196	419409	32.070	ng	99
44) 2,4,5-Trichlorophenol	8.96	196	439407	29.257	ng	98
46) 1,1'-Biphenyl	9.09	154	1868343	36.905	ng	99
47) 2-Chloronaphthalene	9.11	162	1433444	35.298	ng	99
48) 2-Nitroaniline	9.22	65	498148	33.620	ng	98
49) Acenaphthylene	9.53	152	2235390	36.036	ng	100
50) Dimethylphthalate	9.40	163	1671781	34.227	ng	100
51) 2,6-Dinitrotoluene	9.46	165	373774	34.287	ng	89
52) Acenaphthene	9.70	154	1323042	35.582	ng	100
53) 3-Nitroaniline	9.63	138	172648	13.281	ng	98
54) 2,4-Dinitrophenol	9.75	184	352803	68.561	ng	91
55) Dibenzofuran	9.87	168	1950278	36.423	ng	100
56) 4-Nitrophenol	9.82	139	442481	63.345	ng	89
57) 2,4-Dinitrotoluene	9.87	165	448818	35.097	ng	98
58) Fluorene	10.22	166	1518893	37.247	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	404650	35.801	ng	98
60) Diethylphthalate	10.10	149	1687762	35.792	ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	739465	34.877	ng	98
62) 4-Nitroaniline	10.25	138	367518	30.360	ng	99
63) Azobenzene	10.37	77	1669934	37.470	ng	98
65) 4,6-Dinitro-2-methylphenol	10.27	198	260457	36.378	ng	91
66) n-Nitrosodiphenylamine	10.33	169	1422933	36.330	ng	100
67) 4-Bromophenyl-phenylether	10.69	248	472378	34.385	ng	99
68) Hexachlorobenzene	10.76	284	505229	35.154	ng	98
69) Atrazine	10.86	200	399023	34.047	ng	99
70) Pentachlorophenol	10.96	266	410057	67.084	ng	99
71) Phenanthrene	11.17	178	2158576	36.286	ng	100
72) Anthracene	11.22	178	2355812	36.992	ng	99
73) Carbazole	11.39	167	2126232	35.732	ng	99
74) Di-n-butylphthalate	11.72	149	2684946	37.440	ng	99
75) Fluoranthene	12.36	202	2423128	38.003	ng	99
77) Benzidine	12.49	184	956323	30.899	ng	96
78) Pyrene	12.59	202	2418821	32.013	ng	99
80) Butylbenzylphthalate	13.21	149	1253922	35.243	ng	98
81) Benzo(a)anthracene	13.77	228	1904080	34.062	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	454111	21.557	ng	99
83) Chrysene	13.82	228	2091688	34.846	ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1539388	34.776	ng	98
85) Di-n-octyl phthalate	14.39	149	2855278	35.855	ng	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1821394	33.432	ng	100
88) Benzo(b)fluoranthene	14.79	252	1938748	36.499	ng	99
89) Benzo(k)fluoranthene	14.82	252	1678236	36.467	ng	100
90) Benzo(a)pyrene	15.12	252	1649269	34.621	ng	100
91) Dibenzo(a,h)anthracene	16.52	278	1514788	35.894	ng	99
92) Benzo(g,h,i)perylene	16.91	276	1555030	36.540	ng	98

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

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