Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120101.D
Acq On : 21 Apr 2020 14:45
Operator : MA/SJ
Sample : PB128243BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128243BSD

Manual Integrations APPROVED
mohammad
4/24/2020 4:17:00 AM

Quant Time: Apr 21 15:39:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 13:48:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	119708	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	456279	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	235555	20.00	ng		0.00
64) Phenanthrene-d10	11.23	188	463152	20.00	ng		0.00
76) Chrysene-d12	13.87	240	356871	20.00	ng		0.00
87) Perylene-d12	15.28	264	344430	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1016760	146.79	ng		0.02
7) Phenol-d6	6.34	99	1284003	143.86	ng		0.00
23) Nitrobenzene-d5	7.26	82	789403	89.50	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	343251	119.02	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1517972	91.49	ng		0.00
79) Terphenyl-d14	12.82	244	1676631	79.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	137404	44.536	ng		96
3) Pyridine	3.07	79	371398	43.876	ng		95
4) n-Nitrosodimethylamine	3.03	42	216702	50.106	ng		96
6) Aniline	6.36	93	367739	31.391	ng	#	34
8) 2-Chlorophenol	6.48	128	408409	52.769	ng		100
9) Benzaldehyde	6.24	77	170323	32.946	ng		98
10) Phenol	6.35	94	515487	50.907	ng		91
11) bis(2-Chloroethyl)ether	6.43	93	382277	48.894	ng		99
12) 1,3-Dichlorobenzene	6.63	146	416083	49.106	ng		99
13) 1,4-Dichlorobenzene	6.71	146	420929	48.768	ng		98
14) 1,2-Dichlorobenzene	6.86	146	391033	49.159	ng		98
15) Benzyl Alcohol	6.85	79	335969	48.463	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	664747	43.693	ng		97
17) 2-Methylphenol	6.96	107	324083	46.922	ng		97
18) Hexachloroethane	7.20	117	156234	48.434	ng		99
19) n-Nitroso-di-n-propylamine	7.12	70	274648	47.852	ng		99
20) 3+4-Methylphenols	7.12	107	414082	49.019	ng	#	88
22) Acetophenone	7.11	105	539834	50.524	ng		98
24) Nitrobenzene	7.28	77	427041	48.132	ng		99
25) Isophorone	7.52	82	762660	44.857	ng		99
26) 2-Nitrophenol	7.60	139	220070	49.648	ng		97
27) 2,4-Dimethylphenol	7.65	122	333110	49.828	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	475608	47.539	ng		100
29) 2,4-Dichlorophenol	7.85	162	333097	48.609	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	359686	46.325	ng		98
31) Naphthalene	8.00	128	1155464	48.132	ng		99
32) Benzoic acid	7.78	122	255974	43.597	ng		97
33) 4-Chloroaniline	8.05	127	179512	17.177	ng		99
34) Hexachlorobutadiene	8.12	225	205990	44.319	ng		98
35) Caprolactam	8.43	113	101336m	48.344	ng		
36) 4-Chloro-3-methylphenol	8.55	107	364132	49.081	ng		99
37) 2-Methylnaphthalene	8.70	142	771317	47.391	ng		98
38) 1-Methylnaphthalene	8.80	142	730159	47.597	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	339975	45.697	ng		99

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Sample : PB128243BSD
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ALS Vial : 25 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	350595	82.872	ng		98
43) 2,4,6-Trichlorophenol	8.98	196	237145	46.159	ng		99
44) 2,4,5-Trichlorophenol	9.02	196	252976	43.719	ng		98
46) 1,1'-Biphenyl	9.16	154	939938	47.275	ng		98
47) 2-Chloronaphthalene	9.19	162	726398	47.427	ng		98
48) 2-Nitroaniline	9.29	65	261990	47.202	ng		97
49) Acenaphthylene	9.60	152	1150507	49.393	ng		99
50) Dimethylphthalate	9.47	163	838035	45.996	ng		100
51) 2,6-Dinitrotoluene	9.53	165	189355	47.459	ng	#	85
52) Acenaphthene	9.77	154	689535	44.377	ng		100
53) 3-Nitroaniline	9.70	138	107771	23.651	ng		97
54) 2,4-Dinitrophenol	9.81	184	214568	89.826	ng	#	88
55) Dibenzofuran	9.95	168	1041454	48.844	ng		99
56) 4-Nitrophenol	9.87	139	323114	95.301	ng		94
57) 2,4-Dinitrotoluene	9.94	165	253986	48.317	ng		93
58) Fluorene	10.29	166	810204	47.513	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	208623	47.141	ng		100
60) Diethylphthalate	10.17	149	848015	44.907	ng		99
61) 4-Chlorophenyl-phenylether	10.28	204	382715	43.789	ng		95
62) 4-Nitroaniline	10.32	138	205654	47.357	ng		99
63) Azobenzene	10.45	77	805052	47.571	ng		97
65) 4,6-Dinitro-2-methylphenol	10.35	198	148459	48.655	ng		78
66) n-Nitrosodiphenylamine	10.40	169	732961	47.585	ng		99
67) 4-Bromophenyl-phenylether	10.77	248	232013	40.282	ng		96
68) Hexachlorobenzene	10.84	284	252773	43.260	ng		100
69) Atrazine	10.94	200	216658	50.555	ng		97
70) Pentachlorophenol	11.03	266	256870	76.285	ng		98
71) Phenanthrene	11.25	178	1167478	47.363	ng		99
72) Anthracene	11.30	178	1203450	47.792	ng		100
73) Carbazole	11.46	167	1140405	47.890	ng		99
74) Di-n-butylphthalate	11.80	149	1332755	42.574	ng		99
75) Fluoranthene	12.44	202	1306144	49.110	ng		99
77) Benzidine	12.56	184	501185	41.546	ng		97
78) Pyrene	12.67	202	1313403	43.657	ng		100
80) Butylbenzylphthalate	13.29	149	560854	38.419	ng		99
81) Benzo(a)anthracene	13.86	228	1099501	46.833	ng		100
82) 3,3'-Dichlorobenzidine	13.82	252	232061	26.491	ng		98
83) Chrysene	13.90	228	1116564	46.806	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	720429	36.442	ng		98
85) Di-n-octyl phthalate	14.47	149	1313911	39.035	ng		98
86) Indeno(1,2,3-cd)pyrene	16.66	276	986698	46.923	ng		98
88) Benzo(b)fluoranthene	14.88	252	1153957	46.573	ng		99
89) Benzo(k)fluoranthene	14.92	252	971313	45.434	ng		99
90) Benzo(a)pyrene	15.23	252	964367	46.291	ng		99
91) Dibenzo(a,h)anthracene	16.68	278	811543	43.978	ng		98
92) Benzo(g,h,i)perylene	17.08	276	781891	42.924	ng		98

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

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