Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
Data File : BF120134.D
Acq On : 22 Apr 2020 16:37
Operator : MA/SJ
Sample : PB128402BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128402BSD

Manual Integrations APPROVED
mohammad
4/24/2020 4:18:01 AM

Quant Time: Apr 22 17:12:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 11:49:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	132914	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	511306	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	264293	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	512693	20.00	ng		0.00
76) Chrysene-d12	13.85	240	393009	20.00	ng		0.00
87) Perylene-d12	15.25	264	358726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	735890	95.68	ng		0.01
7) Phenol-d6	6.32	99	917397	92.57	ng		0.00
23) Nitrobenzene-d5	7.25	82	817116	82.68	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	249780	77.19	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1592710	85.56	ng		0.00
79) Terphenyl-d14	12.80	244	1785389	76.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	130732	38.16	ng		98
3) Pyridine	3.06	79	358436	38.14	ng		93
4) n-Nitrosodimethylamine	3.02	42	216478	45.08	ng		97
6) Aniline	6.34	93	441738	33.96	ng	#	74
8) 2-Chlorophenol	6.46	128	425371	49.50	ng		98
9) Benzaldehyde	6.22	77	171823	28.42	ng		99
10) Phenol	6.33	94	540861	48.11	ng		76
11) bis(2-Chloroethyl)ether	6.42	93	400849	46.18	ng		100
12) 1,3-Dichlorobenzene	6.62	146	433568	46.09	ng		97
13) 1,4-Dichlorobenzene	6.69	146	441259	46.04	ng		98
14) 1,2-Dichlorobenzene	6.85	146	411099	46.55	ng		99
15) Benzyl Alcohol	6.83	79	348748	45.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	690653	40.89	ng		95
17) 2-Methylphenol	6.95	107	345096	45.00	ng		97
18) Hexachloroethane	7.19	117	164222	45.85	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	288799	45.32	ng		98
20) 3+4-Methylphenols	7.10	107	439910	46.90	ng		96
22) Acetophenone	7.09	105	569242	47.54	ng		93
24) Nitrobenzene	7.26	77	441659	44.42	ng		99
25) Isophorone	7.51	82	811658	42.60	ng		100
26) 2-Nitrophenol	7.58	139	233276	46.96	ng		93
27) 2,4-Dimethylphenol	7.63	122	358658	47.88	ng		96
28) bis(2-Chloroethoxy)methane	7.72	93	510434	45.53	ng		100
29) 2,4-Dichlorophenol	7.83	162	349378	45.50	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	380788	43.76	ng		98
31) Naphthalene	7.99	128	1223951	45.50	ng		98
32) Benzoic acid	7.77	122	284335	43.22	ng		93
33) 4-Chloroaniline	8.04	127	279952	23.90	ng		97
34) Hexachlorobutadiene	8.10	225	216053	41.48	ng		100
35) Caprolactam	8.41	113	106454m	45.32	ng		
36) 4-Chloro-3-methylphenol	8.53	107	389262	46.82	ng		98
37) 2-Methylnaphthalene	8.68	142	818501	44.88	ng		97
38) 1-Methylnaphthalene	8.78	142	782533	45.52	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	363901	43.59	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	374388	78.87	ng		100
43) 2,4,6-Trichlorophenol	8.96	196	256190	44.44	ng		99
44) 2,4,5-Trichlorophenol	9.00	196	273178	42.08	ng		97
46) 1,1'-Biphenyl	9.15	154	986879	44.24	ng		98
47) 2-Chloronaphthalene	9.17	162	768545	44.72	ng		99
48) 2-Nitroaniline	9.27	65	279444	44.87	ng		93
49) Acenaphthylene	9.58	152	1223216	46.80	ng		98
50) Dimethylphthalate	9.45	163	905356	44.29	ng		99
51) 2,6-Dinitrotoluene	9.51	165	208944	46.67	ng		89
52) Acenaphthene	9.76	154	734633	42.14	ng		99
53) 3-Nitroaniline	9.68	138	148631	29.07	ng		89
54) 2,4-Dinitrophenol	9.79	184	237814	88.73	ng		95
55) Dibenzofuran	9.93	168	1098394	45.91	ng		100
56) 4-Nitrophenol	9.86	139	333445	87.65	ng		98
57) 2,4-Dinitrotoluene	9.92	165	273193	46.32	ng		95
58) Fluorene	10.27	166	865357	45.23	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	233201	46.96	ng		98
60) Diethylphthalate	10.15	149	919461	43.40	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	410148	41.83	ng		100
62) 4-Nitroaniline	10.30	138	228578	46.91	ng		98
63) Azobenzene	10.42	77	884583	46.59	ng		98
65) 4,6-Dinitro-2-methylphenol	10.33	198	157081	46.51	ng		93
66) n-Nitrosodiphenylamine	10.39	169	782525	45.89	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	250503	39.29	ng		96
68) Hexachlorobenzene	10.82	284	273774	42.33	ng		99
69) Atrazine	10.92	200	236234	49.80	ng		99
70) Pentachlorophenol	11.02	266	278997	74.85	ng		98
71) Phenanthrene	11.23	178	1256752	46.06	ng		99
72) Anthracene	11.28	178	1320633	47.38	ng		97
73) Carbazole	11.44	167	1210054	45.91	ng		97
74) Di-n-butylphthalate	11.77	149	1482248	42.77	ng		100
75) Fluoranthene	12.42	202	1393699	47.34	ng		98
77) Benzidine	12.54	184	666381	50.16	ng		98
78) Pyrene	12.64	202	1419741	42.85	ng		98
80) Butylbenzylphthalate	13.27	149	638254	39.70	ng		99
81) Benzo(a)anthracene	13.84	228	1190978	46.06	ng		100
82) 3,3'-Dichlorobenzidine	13.80	252	301629	31.27	ng	#	99
83) Chrysene	13.87	228	1182270	45.00	ng		98
84) Bis(2-ethylhexyl)phthalate	13.83	149	835031	38.36	ng		99
85) Di-n-octyl phthalate	14.44	149	1479843	39.92	ng		98
86) Indeno(1,2,3-cd)pyrene	16.62	276	1053397	45.49	ng		100
88) Benzo(b)fluoranthene	14.86	252	1093745	42.38	ng		98
89) Benzo(k)fluoranthene	14.89	252	1088116	48.87	ng		98
90) Benzo(a)pyrene	15.20	252	987608	45.52	ng		97
91) Dibenzo(a,h)anthracene	16.63	278	863496	44.93	ng		98
92) Benzo(g,h,i)perylene	17.03	276	856428	45.14	ng		99

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

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