Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119914.D
Acq On : 13 Apr 2020 14:16
Operator : MA/SJ
Sample : PB128139BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128139BS

Manual Integrations APPROVED
mohammad
4/14/2020 3:38:23 PM

Quant Time: Apr 13 14:48:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 13:37:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	221954	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	852112	20.00	ng		0.00
39) Acenaphthene-d10	9.78	164	457121	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	894196	20.00	ng		0.00
76) Chrysene-d12	13.92	240	665672	20.00	ng		0.00
87) Perylene-d12	15.34	264	708624	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1501022	116.87	ng		0.02
7) Phenol-d6	6.38	99	1922696	116.18	ng		0.00
23) Nitrobenzene-d5	7.31	82	1199568	72.83	ng		0.00
42) 2,4,6-Tribromophenol	10.57	330	596260	106.54	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	2307615	71.67	ng		0.00
79) Terphenyl-d14	12.86	244	2688934	67.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	190789	33.353	ng		97
3) Pyridine	3.19	79	530124	33.777	ng		98
4) n-Nitrosodimethylamine	3.15	42	300853	37.518	ng		94
6) Aniline	6.40	93	733077	33.750	ng	#	83
8) 2-Chlorophenol	6.52	128	606435	42.260	ng		97
9) Benzaldehyde	6.28	77	279827	27.375	ng		98
10) Phenol	6.39	94	755994	40.266	ng		92
11) bis(2-Chloroethyl)ether	6.47	93	556847	38.413	ng		96
12) 1,3-Dichlorobenzene	6.68	146	602283	38.337	ng		98
13) 1,4-Dichlorobenzene	6.76	146	607700	37.973	ng		98
14) 1,2-Dichlorobenzene	6.91	146	567381	38.470	ng		98
15) Benzyl Alcohol	6.89	79	500553	38.942	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1028047	36.444	ng		99
17) 2-Methylphenol	7.00	107	487007	38.029	ng		99
18) Hexachloroethane	7.25	117	233695	39.074	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	412478	38.760	ng		98
20) 3+4-Methylphenols	7.15	107	600296	38.327	ng		95
22) Acetophenone	7.15	105	786339	39.408	ng	#	97
24) Nitrobenzene	7.33	77	620114	37.425	ng		95
25) Isophorone	7.57	82	1170318	36.859	ng		99
26) 2-Nitrophenol	7.64	139	333974	40.344	ng		97
27) 2,4-Dimethylphenol	7.68	122	518631	41.541	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	729835	39.062	ng		100
29) 2,4-Dichlorophenol	7.89	162	510032	39.855	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	540426	37.270	ng		99
31) Naphthalene	8.05	128	1715077	38.256	ng		100
32) Benzoic acid	7.82	122	423256	38.601	ng		96
33) 4-Chloroaniline	8.10	127	512253	26.246	ng		97
34) Hexachlorobutadiene	8.17	225	307379	35.412	ng		98
35) Caprolactam	8.47	113	176891m	45.187	ng		
36) 4-Chloro-3-methylphenol	8.59	107	556248	40.147	ng		96
37) 2-Methylnaphthalene	8.74	142	1165801	38.355	ng		99
38) 1-Methylnaphthalene	8.84	142	1097289	38.302	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	504369	34.934	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	632032	76.984	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	376934	37.807	ng		98
44) 2,4,5-Trichlorophenol	9.06	196	400130	35.633	ng		95
46) 1,1'-Biphenyl	9.20	154	1405953	36.439	ng		98
47) 2-Chloronaphthalene	9.23	162	1094176	36.813	ng		97
48) 2-Nitroaniline	9.33	65	403790	37.488	ng		99
49) Acenaphthylene	9.65	152	1727440	38.215	ng		99
50) Dimethylphthalate	9.52	163	1314970	37.191	ng		100
51) 2,6-Dinitrotoluene	9.57	165	298576	38.562	ng	#	83
52) Acenaphthene	9.82	154	1046293	34.699	ng		99
53) 3-Nitroaniline	9.74	138	243526	27.539	ng		96
54) 2,4-Dinitrophenol	9.85	184	376066	81.126	ng		97
55) Dibenzofuran	9.99	168	1556441	37.615	ng		99
56) 4-Nitrophenol	9.92	139	530561	80.637	ng	#	83
57) 2,4-Dinitrotoluene	9.98	165	396798	38.897	ng		97
58) Fluorene	10.33	166	1204012	36.384	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.11	232	338984	39.471	ng		100
60) Diethylphthalate	10.22	149	1353178	36.926	ng		99
61) 4-Chlorophenyl-phenylether	10.33	204	577851	34.070	ng		99
62) 4-Nitroaniline	10.36	138	335172	39.772	ng		97
63) Azobenzene	10.49	77	1273325	38.772	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	238654	40.511	ng		86
66) n-Nitrosodiphenylamine	10.45	169	1125905	37.860	ng		99
67) 4-Bromophenyl-phenylether	10.82	248	386989	34.800	ng		98
68) Hexachlorobenzene	10.88	284	421740	37.385	ng		100
69) Atrazine	10.98	200	341899	41.321	ng		97
70) Pentachlorophenol	11.08	266	473661	72.860	ng		99
71) Phenanthrene	11.30	178	1780201	37.407	ng		99
72) Anthracene	11.35	178	1829869	37.639	ng		100
73) Carbazole	11.50	167	1686363	36.680	ng		98
74) Di-n-butylphthalate	11.84	149	2135030	35.326	ng		100
75) Fluoranthene	12.49	202	1947644	37.930	ng		97
77) Benzidine	12.61	184	1304334	57.966	ng		97
78) Pyrene	12.71	202	2001527	35.667	ng		99
80) Butylbenzylphthalate	13.34	149	921345	33.835	ng		93
81) Benzo(a)anthracene	13.90	228	1605997	36.673	ng		100
82) 3,3'-Dichlorobenzidine	13.87	252	454890	27.839	ng	#	96
83) Chrysene	13.94	228	1664926	37.417	ng		98
84) Bis(2-ethylhexyl)phthalate	13.90	149	1188576	32.233	ng		99
85) Di-n-octyl phthalate	14.51	149	2175107	34.643	ng		98
86) Indeno(1,2,3-cd)pyrene	16.74	276	1708163	43.550	ng		98
88) Benzo(b)fluoranthene	14.93	252	1836110	36.019	ng		99
89) Benzo(k)fluoranthene	14.96	252	1595262	36.269	ng		99
90) Benzo(a)pyrene	15.28	252	1585519	36.992	ng		97
91) Dibenzo(a,h)anthracene	16.76	278	1422809	37.476	ng		98
92) Benzo(g,h,i)perylene	17.16	276	1373323	36.645	ng		97

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

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