Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
Data File : BF120164.D
Acq On : 23 Apr 2020 15:37
Operator : MA/SJ
Sample : PB128352BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128352BS

Manual Integrations APPROVED
mohammad
4/24/2020 1:34:07 PM

Quant Time: Apr 23 16:08:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	138340	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	546212	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	287057	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	557451	20.00	ng		0.00
76) Chrysene-d12	13.83	240	404734	20.00	ng		0.00
87) Perylene-d12	15.23	264	365271	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	920557	115.00	ng		0.01
7) Phenol-d6	6.31	99	1174567	113.87	ng		0.00
23) Nitrobenzene-d5	7.23	82	723191	68.50	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	328290	93.41	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1462917	72.36	ng		0.00
79) Terphenyl-d14	12.77	244	1668435	69.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	121404	34.051	ng		96
3) Pyridine	3.01	79	320211	32.734	ng		99
4) n-Nitrosodimethylamine	2.96	42	187963	37.607	ng		99
6) Aniline	6.33	93	514783	38.024	ng	#	78
8) 2-Chlorophenol	6.45	128	375112	41.939	ng		96
9) Benzaldehyde	6.21	77	144376	20.781	ng		99
10) Phenol	6.32	94	478012	40.849	ng	#	68
11) bis(2-Chloroethyl)ether	6.40	93	352890	39.057	ng		99
12) 1,3-Dichlorobenzene	6.60	146	376369	38.436	ng		98
13) 1,4-Dichlorobenzene	6.68	146	382386	38.336	ng		99
14) 1,2-Dichlorobenzene	6.83	146	357638	38.905	ng		99
15) Benzyl Alcohol	6.82	79	307983	38.443	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	620482	35.290	ng		98
17) 2-Methylphenol	6.93	107	306314	38.376	ng		97
18) Hexachloroethane	7.17	117	143795	38.574	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	261892	39.484	ng		99
20) 3+4-Methylphenols	7.09	107	386880	39.631	ng		96
22) Acetophenone	7.08	105	507368	39.667	ng	#	91
24) Nitrobenzene	7.25	77	391285	36.840	ng		100
25) Isophorone	7.49	82	735020	36.114	ng		98
26) 2-Nitrophenol	7.57	139	204724	38.581	ng		91
27) 2,4-Dimethylphenol	7.61	122	320394	40.035	ng		97
28) bis(2-Chloroethoxy)methane	7.70	93	458740	38.303	ng		99
29) 2,4-Dichlorophenol	7.81	162	314522	38.341	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	336041	36.153	ng		99
31) Naphthalene	7.97	128	1066028	37.095	ng		98
32) Benzoic acid	7.75	122	225335	32.060	ng		94
33) 4-Chloroaniline	8.02	127	431294	34.474	ng		99
34) Hexachlorobutadiene	8.09	225	189550	34.067	ng		97
35) Caprolactam	8.40	113	98177m	39.125	ng		
36) 4-Chloro-3-methylphenol	8.52	107	348222	39.208	ng		97
37) 2-Methylnaphthalene	8.66	142	742231	38.096	ng		98
38) 1-Methylnaphthalene	8.76	142	695868	37.893	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	330160	36.415	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	339781	65.906	ng		99
43) 2,4,6-Trichlorophenol	8.95	196	229887	36.718	ng		97
44) 2,4,5-Trichlorophenol	8.99	196	245408	34.802	ng		99
46) 1,1'-Biphenyl	9.13	154	897251	37.032	ng		99
47) 2-Chloronaphthalene	9.15	162	688360	36.880	ng		99
48) 2-Nitroaniline	9.25	65	246764	36.482	ng		98
49) Acenaphthylene	9.57	152	1103906	38.889	ng		98
50) Dimethylphthalate	9.44	163	830072	37.385	ng		99
51) 2,6-Dinitrotoluene	9.50	165	182831	37.603	ng		97
52) Acenaphthene	9.74	154	658797	34.792	ng		99
53) 3-Nitroaniline	9.66	138	182293	32.827	ng		100
54) 2,4-Dinitrophenol	9.77	184	196689	67.568	ng	#	86
55) Dibenzofuran	9.91	168	985575	37.930	ng		100
56) 4-Nitrophenol	9.84	139	282542	68.383	ng		98
57) 2,4-Dinitrotoluene	9.90	165	238234	37.189	ng		96
58) Fluorene	10.25	166	782659	37.663	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	204683	37.953	ng		99
60) Diethylphthalate	10.14	149	851389	36.997	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	382526	35.915	ng		99
62) 4-Nitroaniline	10.28	138	204597	38.661	ng		97
63) Azobenzene	10.41	77	803996	38.985	ng		96
65) 4,6-Dinitro-2-methylphenol	10.31	198	137313	37.389	ng		82
66) n-Nitrosodiphenylamine	10.37	169	708221	38.201	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	233447	33.674	ng		98
68) Hexachlorobenzene	10.80	284	245385	34.892	ng		98
69) Atrazine	10.90	200	219034	42.463	ng		99
70) Pentachlorophenol	11.00	266	246126	60.730	ng		99
71) Phenanthrene	11.22	178	1118318	37.694	ng		97
72) Anthracene	11.26	178	1168709	38.561	ng		98
73) Carbazole	11.42	167	1072967	37.436	ng		98
74) Di-n-butylphthalate	11.76	149	1376102	36.523	ng		99
75) Fluoranthene	12.40	202	1246079	38.926	ng		99
77) Benzidine	12.53	184	1102868	80.612	ng		98
78) Pyrene	12.63	202	1242613	36.419	ng		98
80) Butylbenzylphthalate	13.25	149	575782	34.778	ng		98
81) Benzo(a)anthracene	13.82	228	1011466	37.988	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	331802	33.398	ng		99
83) Chrysene	13.85	228	1023545	37.833	ng		97
84) Bis(2-ethylhexyl)phthalate	13.82	149	780387	34.807	ng		99
85) Di-n-octyl phthalate	14.43	149	1374637	36.009	ng		98
86) Indeno(1,2,3-cd)pyrene	16.58	276	861600	36.129	ng		100
88) Benzo(b)fluoranthene	14.83	252	929486	35.373	ng		98
89) Benzo(k)fluoranthene	14.86	252	915244	40.369	ng		99
90) Benzo(a)pyrene	15.17	252	818588	37.051	ng		99
91) Dibenzo(a,h)anthracene	16.59	278	727999	37.199	ng		99
92) Benzo(g,h,i)perylene	16.99	276	686630	35.544	ng		97

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

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