Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120217.D
Acq On : 27 Apr 2020 14:28
Operator : MA/SJ
Sample : PB128487BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128487BS

Manual Integrations APPROVED
mohammad
4/28/2020 11:08:32 PM

Quant Time: Apr 27 15:08:54 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 27 12:17:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	132540	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	509775	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	259199	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	500746	20.00	ng		0.00
76) Chrysene-d12	13.83	240	363241	20.00	ng		0.00
87) Perylene-d12	15.23	264	324796	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1034604	134.90	ng		0.00
7) Phenol-d6	6.32	99	1274136	128.93	ng		0.00
23) Nitrobenzene-d5	7.23	82	800509	81.24	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	345459	108.86	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1564357	85.69	ng		0.00
79) Terphenyl-d14	12.78	244	1756887	81.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	126054	36.902	ng		97
3) Pyridine	3.02	79	345088	36.821	ng		96
4) n-Nitrosodimethylamine	2.98	42	193015	40.308	ng		94
6) Aniline	6.33	93	415835	32.060	ng	#	51
8) 2-Chlorophenol	6.46	128	410161	47.865	ng		96
9) Benzaldehyde	6.21	77	157621	25.109	ng		99
10) Phenol	6.33	94	505376	45.077	ng		84
11) bis(2-Chloroethyl)ether	6.40	93	382724	44.212	ng		98
12) 1,3-Dichlorobenzene	6.60	146	416116	44.355	ng		97
13) 1,4-Dichlorobenzene	6.68	146	424685	44.439	ng		97
14) 1,2-Dichlorobenzene	6.83	146	396224	44.989	ng		100
15) Benzyl Alcohol	6.82	79	327939	42.725	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	661430	39.266	ng	#	39
17) 2-Methylphenol	6.94	107	324705	42.460	ng	#	91
18) Hexachloroethane	7.17	117	161000	45.079	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	279783	44.027	ng		99
20) 3+4-Methylphenols	7.10	107	419037	44.803	ng	#	79
22) Acetophenone	7.08	105	554676	46.466	ng	#	98
24) Nitrobenzene	7.25	77	424333	42.807	ng		98
25) Isophorone	7.49	82	764361	40.239	ng		98
26) 2-Nitrophenol	7.57	139	220262	44.476	ng		95
27) 2,4-Dimethylphenol	7.62	122	339285	45.425	ng		98
28) bis(2-Chloroethoxy)methane	7.70	93	486589	43.532	ng		98
29) 2,4-Dichlorophenol	7.82	162	327725	42.806	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	365174	42.096	ng		98
31) Naphthalene	7.97	128	1161814	43.318	ng		97
32) Benzoic acid	7.76	122	228578	34.846	ng		95
33) 4-Chloroaniline	8.03	127	247369	21.186	ng		96
34) Hexachlorobutadiene	8.09	225	210621	40.560	ng		96
35) Caprolactam	8.40	113	97769m	41.747	ng		
36) 4-Chloro-3-methylphenol	8.53	107	357765	43.162	ng		97
37) 2-Methylnaphthalene	8.66	142	779615	42.875	ng		99
38) 1-Methylnaphthalene	8.76	142	739272	43.134	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	345350	42.185	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	309362	66.455	ng	100
43) 2,4,6-Trichlorophenol	8.95	196	241225	42.670	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	253609	39.830	ng	99
46) 1,1'-Biphenyl	9.13	154	938824	42.912	ng	99
47) 2-Chloronaphthalene	9.16	162	729903	43.309	ng	97
48) 2-Nitroaniline	9.26	65	260039	42.577	ng	97
49) Acenaphthylene	9.57	152	1146958	44.749	ng	98
50) Dimethylphthalate	9.44	163	852339	42.513	ng	100
51) 2,6-Dinitrotoluene	9.50	165	190515	43.394	ng	89
52) Acenaphthene	9.74	154	680994	39.830	ng	98
53) 3-Nitroaniline	9.67	138	120851	24.102	ng	88
54) 2,4-Dinitrophenol	9.78	184	189471	72.084	ng	92
55) Dibenzofuran	9.92	168	1032875	44.023	ng	96
56) 4-Nitrophenol	9.86	139	277647	74.420	ng	98
57) 2,4-Dinitrotoluene	9.90	165	247756	42.832	ng	94
58) Fluorene	10.26	166	809307	43.131	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.04	232	210410	43.208	ng	98
60) Diethylphthalate	10.14	149	878352	42.271	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	392867	40.851	ng	96
62) 4-Nitroaniline	10.29	138	202161	42.306	ng	99
63) Azobenzene	10.41	77	828135	44.471	ng	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	135500	41.074	ng	87
66) n-Nitrosodiphenylamine	10.37	169	744110	44.682	ng	99
67) 4-Bromophenyl-phenylether	10.74	248	239431	38.449	ng	93
68) Hexachlorobenzene	10.80	284	256016	40.526	ng	96
69) Atrazine	10.90	200	228483	49.311	ng	99
70) Pentachlorophenol	11.00	266	227533	62.500	ng	99
71) Phenanthrene	11.22	178	1181766	44.344	ng	99
72) Anthracene	11.27	178	1218695	44.764	ng	98
73) Carbazole	11.43	167	1125737	43.725	ng	98
74) Di-n-butylphthalate	11.76	149	1428651	42.211	ng	99
75) Fluoranthene	12.40	202	1299335	45.186	ng	97
77) Benzidine	12.53	184	711799	57.971	ng	98
78) Pyrene	12.63	202	1280393	41.813	ng	98
80) Butylbenzylphthalate	13.26	149	595082	40.049	ng	100
81) Benzo(a)anthracene	13.82	228	1019118	42.648	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	266378	29.876	ng	98
83) Chrysene	13.86	228	1038284	42.762	ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	814520	40.479	ng	99
85) Di-n-octyl phthalate	14.43	149	1396383	40.757	ng	98
86) Indeno(1,2,3-cd)pyrene	16.60	276	941656	43.996	ng	100
88) Benzo(b)fluoranthene	14.84	252	1005620	43.039	ng	98
89) Benzo(k)fluoranthene	14.87	252	837949	41.565	ng	100
90) Benzo(a)pyrene	15.18	252	825494	42.020	ng	98
91) Dibenzo(a,h)anthracene	16.62	278	786903	45.220	ng	99
92) Benzo(g,h,i)perylene	17.01	276	764428	44.503	ng	98

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

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