Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115744.D
Acq On : 24 Jul 2019 10:44
Operator : HP/JU
Sample : PB121660BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121660BS

Manual Integrations APPROVED
mohammad
7/25/2019 2:17:25 PM

Quant Time: Jul 24 16:51:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 16:36:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176838	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	731172	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	376994	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	709096	20.00	ng		0.00
76) Chrysene-d12	14.04	240	490638	20.00	ng		0.00
87) Perylene-d12	15.50	264	349799	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1205967	111.55	ng		0.01
7) Phenol-d6	6.51	99	1560834	113.78	ng		0.00
23) Nitrobenzene-d5	7.43	82	991880	78.88	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	456229	103.68	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1772643	82.30	ng		0.00
79) Terphenyl-d14	12.98	244	1928106	72.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	196340	36.408	ng		98
3) Pyridine	3.50	79	430934	29.453	ng		99
4) n-Nitrosodimethylamine	3.45	42	211892	39.921	ng		97
6) Aniline	6.53	93	469343	24.585	ng		93
8) 2-Chlorophenol	6.66	128	489882	39.412	ng		97
9) Benzaldehyde	6.42	77	165303	19.283	ng		96
10) Phenol	6.52	94	613093	38.499	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	466494	38.476	ng		98
12) 1,3-Dichlorobenzene	6.82	146	494233	35.365	ng		99
13) 1,4-Dichlorobenzene	6.89	146	507026	36.363	ng		99
14) 1,2-Dichlorobenzene	7.05	146	472945	37.105	ng		99
15) Benzyl Alcohol	7.02	79	424232	38.984	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	638317	39.989	ng		98
17) 2-Methylphenol	7.13	107	433562	40.475	ng		99
18) Hexachloroethane	7.39	117	186458	36.028	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	341062	38.122	ng		96
20) 3+4-Methylphenols	7.28	107	497379	39.091	ng		97
22) Acetophenone	7.28	105	665558	40.292	ng	#	93
24) Nitrobenzene	7.46	77	549255	40.497	ng		98
25) Isophorone	7.70	82	1005565	39.964	ng		100
26) 2-Nitrophenol	7.77	139	279494	40.036	ng		92
27) 2,4-Dimethylphenol	7.81	122	447522	42.845	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	614866	39.832	ng		99
29) 2,4-Dichlorophenol	8.02	162	440049	40.509	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	465735	37.928	ng		99
31) Naphthalene	8.18	128	1426719	40.290	ng		100
32) Benzoic acid	7.95	122	321171	37.467	ng		94
33) 4-Chloroaniline	8.22	127	396343	25.269	ng		98
34) Hexachlorobutadiene	8.30	225	262057	37.215	ng		97
35) Caprolactam	8.60	113	136902m	40.783	ng		
36) 4-Chloro-3-methylphenol	8.71	107	461985	40.999	ng		99
37) 2-Methylnaphthalene	8.87	142	968464	41.259	ng		100
38) 1-Methylnaphthalene	8.97	142	909391	40.788	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	444430	39.148	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	282846	43.676	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	305085	36.748	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	326606	38.414	ng		97
46) 1,1'-Biphenyl	9.33	154	1169838	39.692	ng		100
47) 2-Chloronaphthalene	9.36	162	929721	37.885	ng		97
48) 2-Nitroaniline	9.45	65	292187	38.467	ng		98
49) Acenaphthylene	9.77	152	1399295	38.481	ng		100
50) Dimethylphthalate	9.63	163	1109664	39.122	ng		100
51) 2,6-Dinitrotoluene	9.69	165	248088	38.488	ng	#	84
52) Acenaphthene	9.95	154	844739	35.982	ng		100
53) 3-Nitroaniline	9.86	138	195070	26.482	ng		97
54) 2,4-Dinitrophenol	9.97	184	246767	74.565	ng		96
55) Dibenzofuran	10.12	168	1270166	38.097	ng		100
56) 4-Nitrophenol	10.03	139	386529	68.814	ng		96
57) 2,4-Dinitrotoluene	10.10	165	331109	39.649	ng		99
58) Fluorene	10.46	166	942624	39.549	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	283073	39.828	ng		99
60) Diethylphthalate	10.33	149	1051051	39.549	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	486400	36.800	ng		98
62) 4-Nitroaniline	10.48	138	252871	35.789	ng		99
63) Azobenzene	10.61	77	1068344	41.445	ng		100
65) 4,6-Dinitro-2-methylphenol	10.52	198	164032	37.862	ng		100
66) n-Nitrosodiphenylamine	10.57	169	874488	39.646	ng		100
67) 4-Bromophenyl-phenylether	10.94	248	305702	37.726	ng		99
68) Hexachlorobenzene	11.02	284	344968	37.278	ng		99
69) Atrazine	11.09	200	230162	31.808	ng		97
70) Pentachlorophenol	11.21	266	375494	66.343	ng		99
71) Phenanthrene	11.42	178	1414103	38.905	ng		99
72) Anthracene	11.47	178	1441814	38.383	ng		99
73) Carbazole	11.63	167	1285499	39.025	ng		99
74) Di-n-butylphthalate	11.95	149	1627391	40.108	ng		99
75) Fluoranthene	12.61	202	1489620	38.782	ng		97
77) Benzidine	12.72	184	258025	14.845	ng		99
78) Pyrene	12.84	202	1523073	36.640	ng		100
80) Butylbenzylphthalate	13.45	149	703813	39.717	ng		98
81) Benzo(a)anthracene	14.03	228	1254244	38.803	ng		100
82) 3,3'-Dichlorobenzidine	13.99	252	401144	34.910	ng		99
83) Chrysene	14.06	228	1246423	38.413	ng		100
84) Bis(2-ethylhexyl)phthalate	14.01	149	969220	44.156	ng		100
85) Di-n-octyl phthalate	14.62	149	1564572	44.799	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1050827	38.118	ng		99
88) Benzo(b)fluoranthene	15.08	252	1188134	52.749	ng		99
89) Benzo(k)fluoranthene	15.11	252	1066585	53.113	ng		99
90) Benzo(a)pyrene	15.44	252	1024445	52.917	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	892560	52.517	ng		99
92) Benzo(g,h,i)perylene	17.43	276	848885	50.082	ng		99

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

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