Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118281.D
Acq On : 19 Dec 2019 16:01
Operator : JU
Sample : PB125606BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Manual Integrations APPROVED
Sohil
12/20/2019 4:26:18 PM

Quant Time: Dec 20 03:32:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121595	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	497001	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	262195	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	487998	20.00	ng	0.00
76) Chrysene-d12	14.06	240	318071	20.00	ng	-0.01
87) Perylene-d12	15.54	264	241236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	857029	123.45	ng	0.01
7) Phenol-d6	6.50	99	1037368	123.54	ng	0.00
23) Nitrobenzene-d5	7.43	82	677059	76.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	365768	114.83	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1425027	82.70	ng	-0.01
79) Terphenyl-d14	12.99	244	1574707	85.14	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.73	88	120537	41.177	ng	97
3) Pyridine	3.48	79	286740	37.967	ng	97
4) n-Nitrosodimethylamine	3.44	42	143866	44.280	ng	98
6) Aniline	6.52	93	365773	34.053	ng	96
8) 2-Chlorophenol	6.65	128	367352	46.927	ng	98
9) Benzaldehyde	6.41	77	226254	59.753	ng	96
10) Phenol	6.51	94	427704	44.663	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	316285	45.666	ng	95
12) 1,3-Dichlorobenzene	6.80	146	403340	44.106	ng	100
13) 1,4-Dichlorobenzene	6.87	146	405998	44.090	ng	99
14) 1,2-Dichlorobenzene	7.03	146	381955	44.169	ng	99
15) Benzyl Alcohol	7.00	79	297384	45.369	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	356017	42.752	ng	93
17) 2-Methylphenol	7.12	107	289726	46.533	ng	98
18) Hexachloroethane	7.37	117	150072	44.229	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	232345	45.535	ng	98
20) 3+4-Methylphenols	7.27	107	364369	46.591	ng	92
22) Acetophenone	7.27	105	493021	41.291	ng	99
24) Nitrobenzene	7.45	77	355593	40.969	ng	100
25) Isophorone	7.69	82	640114	42.742	ng	99
26) 2-Nitrophenol	7.76	139	202575	43.666	ng	95
27) 2,4-Dimethylphenol	7.80	122	310455	50.169	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	400670	40.944	ng	100
29) 2,4-Dichlorophenol	8.01	162	306407	42.474	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	345697	41.005	ng	99
31) Naphthalene	8.17	128	1072826	42.981	ng	100
32) Benzoic acid	7.94	122	216132	38.683	ng	99
33) 4-Chloroaniline	8.22	127	229355	21.281	ng	98
34) Hexachlorobutadiene	8.29	225	199388	39.440	ng	100
35) Caprolactam	8.59	113	92116m	41.406	ng	
36) 4-Chloro-3-methylphenol	8.71	107	320516	42.219	ng	97
37) 2-Methylnaphthalene	8.86	142	739052	43.735	ng	99
38) 1-Methylnaphthalene	8.96	142	688854	43.415	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	319574	40.234	ng	99

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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	9.02	237	304172	85.471	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	215238	40.586	ng		95
44) 2,4,5-Trichlorophenol	9.19	196	228139	41.522	ng		98
46) 1,1'-Biphenyl	9.33	154	878675	42.491	ng		99
47) 2-Chloronaphthalene	9.36	162	675172	40.589	ng		98
48) 2-Nitroaniline	9.46	65	184658	38.927	ng		92
49) Acenaphthylene	9.77	152	1064492	43.387	ng		100
50) Dimethylphthalate	9.63	163	801167	41.368	ng		100
51) 2,6-Dinitrotoluene	9.70	165	180786	42.930	ng		94
52) Acenaphthene	9.95	154	618093	41.275	ng		98
53) 3-Nitroaniline	9.87	138	115213	23.247	ng		95
54) 2,4-Dinitrophenol	9.98	184	162802	77.705	ng		97
55) Dibenzofuran	10.12	168	946520	43.136	ng		99
56) 4-Nitrophenol	10.04	139	265094	77.076	ng		99
57) 2,4-Dinitrotoluene	10.10	165	236149	42.013	ng		97
58) Fluorene	10.46	166	741343	42.514	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	191798	42.312	ng		99
60) Diethylphthalate	10.33	149	798416	41.843	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	373813	42.605	ng		98
62) 4-Nitroaniline	10.49	138	179284	34.686	ng		98
63) Azobenzene	10.62	77	689125	42.306	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	118642	44.023	ng		85
66) n-Nitrosodiphenylamine	10.57	169	649696	42.633	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	229568	41.211	ng		97
68) Hexachlorobenzene	11.02	284	266121	40.588	ng	#	92
69) Atrazine	11.10	200	219755	62.775	ng		99
70) Pentachlorophenol	11.21	266	247718	80.338	ng		96
71) Phenanthrene	11.43	178	1083362	41.762	ng		99
72) Anthracene	11.48	178	1133844	43.814	ng		100
73) Carbazole	11.64	167	957180	41.225	ng		99
74) Di-n-butylphthalate	11.96	149	1239489	42.655	ng		99
75) Fluoranthene	12.62	202	1101715	41.539	ng		98
77) Benzidine	12.75	184	395837	47.274	ng		99
78) Pyrene	12.85	202	1101196	43.933	ng		99
80) Butylbenzylphthalate	13.46	149	494021	43.520	ng		99
81) Benzo(a)anthracene	14.04	228	903343	41.073	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	238786	33.058	ng		98
83) Chrysene	14.09	228	867321	41.284	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	665851	44.484	ng		100
85) Di-n-octyl phthalate	14.64	149	997783	44.004	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	688075	38.925	ng		100
88) Benzo(b)fluoranthene	15.11	252	720281	45.146	ng		98
89) Benzo(k)fluoranthene	15.14	252	709623	46.299	ng		99
90) Benzo(a)pyrene	15.49	252	621189	44.084	ng		98
91) Dibenzo(a,h)anthracene	17.07	278	576069	47.665	ng		98
92) Benzo(g,h,i)perylene	17.51	276	572006	49.252	ng		98

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

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