Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103694.D
Acq On : 16 Mar 2018 14:12
Operator : JU/SJ
Sample : PB107310BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107310BS

Manual Integrations APPROVED
Sohil
3/19/2018 2:00:45 PM

Quant Time: Mar 19 10:23:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 16 13:24:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170635	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	714101	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	334228	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	594453	20.00	ng		0.00
75) Chrysene-d12	14.17	240	491829	20.00	ng		0.02
86) Perylene-d12	15.72	264	423111	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	940898	83.87	ng		0.01
7) Phenol-d6	6.59	99	1165714	84.93	ng		0.00
23) Nitrobenzene-d5	7.53	82	988825	96.56	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	270598	94.16	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1659435	79.20	ng		0.00
78) Terphenyl-d14	13.09	244	1613940	76.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	183278	33.178	ng		92
3) Pyridine	3.66	79	510658	33.609	ng		89
4) n-Nitrosodimethylamine	3.62	42	228924	40.862	ng		91
6) Aniline	6.63	93	428382	21.858	ng		99
8) 2-Chlorophenol	6.75	128	473975	40.331	ng		97
9) Benzaldehyde	6.52	77	207526	23.015	ng		99
10) Phenol	6.60	94	588907	40.379	ng		98
11) bis(2-Chloroethyl)ether	6.70	93	459417	38.158	ng		99
12) 1,3-Dichlorobenzene	6.91	146	480643	35.909	ng		100
13) 1,4-Dichlorobenzene	6.99	146	484730	36.039	ng		99
14) 1,2-Dichlorobenzene	7.14	146	450881	36.125	ng		98
15) Benzyl Alcohol	7.10	79	417740	39.282	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	633047	36.968	ng		96
17) 2-Methylphenol	7.21	107	400636	38.281	ng		99
18) Hexachloroethane	7.48	117	182929	38.665	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	323922	36.826	ng		96
20) 3+4-Methylphenols	7.36	107	494219	37.211	ng		88
22) Acetophenone	7.37	105	636138	34.662	ng	#	95
24) Nitrobenzene	7.55	77	496670	41.314	ng		98
25) Isophorone	7.79	82	937745	39.559	ng		99
26) 2-Nitrophenol	7.86	139	228370	49.549	ng		98
27) 2,4-Dimethylphenol	7.89	122	449409	44.254	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	594252	41.399	ng		99
29) 2,4-Dichlorophenol	8.10	162	384898	41.659	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	388346	36.240	ng		100
31) Naphthalene	8.27	128	1319776	36.587	ng		99
32) Benzoic acid	7.97	122	99377m	20.912	ng		
33) 4-Chloroaniline	8.31	127	160765	10.623	ng		100
34) Hexachlorobutadiene	8.39	225	207747	35.359	ng		99
35) Caprolactam	8.68	113	120915m	38.007	ng		
36) 4-Chloro-3-methylphenol	8.79	107	420119	41.247	ng		100
37) 2-Methylnaphthalene	8.96	142	875025	38.251	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	347962	36.493	ng		99
40) Hexachlorocyclopentadiene	9.12	237	408444	83.014	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	262115	42.977	ng		100
43) 2,4,5-Trichlorophenol	9.27	196	275821	40.068	ng		98
45) 1,1'-Biphenyl	9.43	154	1003320	36.000	ng		100
46) 2-Chloronaphthalene	9.46	162	809589	36.574	ng		98
47) 2-Nitroaniline	9.55	65	254384	44.507	ng		95
48) Acenaphthylene	9.87	152	1241040	36.155	ng		99
49) Dimethylphthalate	9.73	163	947515	37.158	ng		100
50) 2,6-Dinitrotoluene	9.79	165	214669	43.890	ng		96
51) Acenaphthene	10.05	154	774211	37.986	ng		99
52) 3-Nitroaniline	9.96	138	137310	25.195	ng		98
53) 2,4-Dinitrophenol	10.06	184	90267	67.394	ng	#	24
54) Dibenzofuran	10.22	168	1113078	38.238	ng		97
55) 4-Nitrophenol	10.11	139	393203	83.961	ng		98
56) 2,4-Dinitrotoluene	10.19	165	286243	46.088	ng		97
57) Fluorene	10.56	166	837763	37.089	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	222210	45.556	ng		98
59) Diethylphthalate	10.43	149	936153	36.989	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	387435	37.531	ng		99
61) 4-Nitroaniline	10.58	138	239800	42.602	ng		98
62) Azobenzene	10.71	77	968369	37.634	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	86129	42.124	ng		92
65) n-Nitrosodiphenylamine	10.67	169	768974	38.004	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	237250	38.871	ng		94
67) Hexachlorobenzene	11.10	284	262832	37.730	ng		95
68) Atrazine	11.19	200	246384	39.363	ng		99
69) Pentachlorophenol	11.30	266	263362	65.759	ng		97
70) Phenanthrene	11.53	178	1212098	37.275	ng		99
71) Anthracene	11.58	178	1273855	38.570	ng		100
72) Carbazole	11.73	167	1202310	37.454	ng		99
73) Di-n-butylphthalate	12.05	149	1476525	38.334	ng		99
74) Fluoranthene	12.72	202	1295674	38.676	ng		100
76) Benzidine	12.83	184	576308	27.474	ng		99
77) Pyrene	12.95	202	1308036	36.214	ng		99
79) Butylbenzylphthalate	13.56	149	642489	40.148	ng		98
80) Benzo(a)anthracene	14.15	228	1199216	38.520	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	158534	15.224	ng		97
82) Chrysene	14.20	228	1124110	37.878	ng		100
83) Bis(2-ethylhexyl)phthalate	14.13	149	907227	39.684	ng	#	100
84) Di-n-octyl phthalate	14.78	149	1491674	44.850	ng		97
85) Indeno(1,2,3-cd)pyrene	17.29	276	915152	35.311	ng		97
87) Benzo(b)fluoranthene	15.26	252	1125246	42.095	ng		98
88) Benzo(k)fluoranthene	15.30	252	969347	37.724	ng		99
89) Benzo(a)pyrene	15.66	252	987876	40.745	ng		100
90) Dibenzo(a,h)anthracene	17.30	278	765005	36.439	ng		98
91) Benzo(g,h,i)perylene	17.76	276	748350	36.641	ng		95

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

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