Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101399.D
Acq On : 14 Dec 2017 18:02
Operator : SJ/JU
Sample : PB104947BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Manual Integrations APPROVED
Sohil
12/15/2017 6:44:04 PM

Quant Time: Dec 15 00:10:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178565	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	728509	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	330570	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	628234	20.00	ng		0.00
75) Chrysene-d12	14.00	240	459514	20.00	ng		0.00
86) Perylene-d12	15.47	264	365967	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1314789	109.68	ng		0.02
7) Phenol-d6	6.46	99	1640521	109.96	ng		0.00
23) Nitrobenzene-d5	7.39	82	1077589	82.34	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	381234	119.69	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1732804	81.31	ng		0.00
78) Terphenyl-d14	12.93	244	1700139	89.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	218930	35.543	ng		94
3) Pyridine	3.42	79	619837	36.218	ng		96
4) n-Nitrosodimethylamine	3.38	42	314731	39.942	ng		96
6) Aniline	6.49	93	282597	13.631	ng	#	83
8) 2-Chlorophenol	6.61	128	488685	38.753	ng		99
9) Benzaldehyde	6.37	77	157099	14.258	ng		93
10) Phenol	6.47	94	613678	36.090	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	518519	38.875	ng		95
12) 1,3-Dichlorobenzene	6.76	146	539864	37.933	ng		99
13) 1,4-Dichlorobenzene	6.83	146	542848	37.351	ng		98
14) 1,2-Dichlorobenzene	6.99	146	494508	37.801	ng		97
15) Benzyl Alcohol	6.96	79	379167	36.924	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	875410	42.884	ng		90
17) 2-Methylphenol	7.08	107	420137	36.220	ng	#	91
18) Hexachloroethane	7.32	117	195421	38.674	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	347351	35.452	ng		92
20) 3+4-Methylphenols	7.23	107	517065	42.066	ng	#	64
22) Acetophenone	7.23	105	632250	38.035	ng	#	87
24) Nitrobenzene	7.40	77	566525	39.113	ng		96
25) Isophorone	7.64	82	1070538	40.777	ng		97
26) 2-Nitrophenol	7.72	139	280076	45.009	ng		98
27) 2,4-Dimethylphenol	7.76	122	463953	43.887	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	659831	39.565	ng		98
29) 2,4-Dichlorophenol	7.96	162	433972	41.552	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	427978	38.830	ng		97
31) Naphthalene	8.12	128	1392297	37.962	ng		99
32) Benzoic acid	7.92	122	280638	40.825	ng		93
33) 4-Chloroaniline	8.18	127	93847	5.887	ng		98
34) Hexachlorobutadiene	8.23	225	242969	38.115	ng		99
35) Caprolactam	8.56	113	153836m	42.419	ng		
36) 4-Chloro-3-methylphenol	8.67	107	470330	40.972	ng		99
37) 2-Methylnaphthalene	8.82	142	947263	39.643	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	408272	36.581	ng		98
40) Hexachlorocyclopentadiene	8.96	237	213393	83.668	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	285455	42.484	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	295916	40.222	ng		93
45) 1,1'-Biphenyl	9.27	154	1068434	36.445	ng		99
46) 2-Chloronaphthalene	9.30	162	858756	38.283	ng		98
47) 2-Nitroaniline	9.41	65	317747	41.004	ng		88
48) Acenaphthylene	9.72	152	1297944	36.634	ng		99
49) Dimethylphthalate	9.58	163	1009781	37.976	ng		99
50) 2,6-Dinitrotoluene	9.65	165	228915	42.359	ng	#	85
51) Acenaphthene	9.89	154	786732	36.959	ng		99
52) 3-Nitroaniline	9.82	138	90406	13.418	ng		97
53) 2,4-Dinitrophenol	9.95	184	164049	86.233	ng	#	18
54) Dibenzofuran	10.06	168	1066240	39.415	ng		98
55) 4-Nitrophenol	10.00	139	245794	83.662	ng		91
56) 2,4-Dinitrotoluene	10.07	165	256648	42.151	ng	#	93
57) Fluorene	10.41	166	892915	39.019	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	240539	45.507	ng		88
59) Diethylphthalate	10.28	149	994300	37.761	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	429222	39.136	ng		89
61) 4-Nitroaniline	10.44	138	246955	36.465	ng		97
62) Azobenzene	10.56	77	1042574	38.222	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	128329	40.029	ng		89
65) n-Nitrosodiphenylamine	10.52	169	865913	37.328	ng		96
66) 4-Bromophenyl-phenylether	10.89	248	280727	39.769	ng	#	90
67) Hexachlorobenzene	10.96	284	286731	38.379	ng	#	86
68) Atrazine	11.05	200	276368	39.956	ng		95
69) Pentachlorophenol	11.16	266	241691	82.928	ng		97
70) Phenanthrene	11.37	178	1317734	37.717	ng		99
71) Anthracene	11.43	178	1373755	38.494	ng		99
72) Carbazole	11.59	167	1237202	37.028	ng		99
73) Di-n-butylphthalate	11.90	149	1555295	38.351	ng		99
74) Fluoranthene	12.57	202	1393337	37.995	ng		98
76) Benzidine	12.69	184	350846	18.078	ng		99
77) Pyrene	12.80	202	1431317	41.504	ng		100
79) Butylbenzylphthalate	13.40	149	664481	42.583	ng		97
80) Benzo(a)anthracene	13.99	228	1221506	40.257	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	201342	20.351	ng		96
82) Chrysene	14.03	228	1117564	39.009	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	845309	42.769	ng		99
84) Di-n-octyl phthalate	14.57	149	1358480	38.540	ng		97
85) Indeno(1,2,3-cd)pyrene	16.96	276	863123	33.832	ng		97
87) Benzo(b)fluoranthene	15.04	252	1010217	45.288	ng		99
88) Benzo(k)fluoranthene	15.07	252	824595	38.021	ng		98
89) Benzo(a)pyrene	15.41	252	852114	41.438	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	712195	40.339	ng		98
91) Benzo(g,h,i)perylene	17.40	276	772754	44.201	ng		96

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

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