Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103849.D
Acq On : 22 Mar 2018 14:07
Operator : JU/SJ
Sample : PB107541BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB107541BSD

Manual Integrations APPROVED
Sohil
3/23/2018 2:46:29 PM

Quant Time: Mar 22 17:08:03 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 11:56:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147859	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	614513	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	293871	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	541641	20.00	ng		0.00
75) Chrysene-d12	14.16	240	388847	20.00	ng		0.00
86) Perylene-d12	15.70	264	327855	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	797234	82.01	ng		0.00
7) Phenol-d6	6.59	99	991098	83.33	ng		0.00
23) Nitrobenzene-d5	7.54	82	858037	97.37	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	265032	104.89	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1510219	81.98	ng		0.00
78) Terphenyl-d14	13.10	244	1492904	89.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	166191	34.719	ng	#	91
3) Pyridine	3.65	79	479218	36.398	ng		89
4) n-Nitrosodimethylamine	3.62	42	188384	38.806	ng		82
6) Aniline	6.63	93	279601	16.464	ng		96
8) 2-Chlorophenol	6.76	128	448614	44.053	ng		96
9) Benzaldehyde	6.52	77	131546	16.836	ng		99
10) Phenol	6.61	94	542043	42.890	ng		94
11) bis(2-Chloroethyl)ether	6.70	93	420214	40.278	ng		94
12) 1,3-Dichlorobenzene	6.92	146	454805	39.212	ng		98
13) 1,4-Dichlorobenzene	6.99	146	460580	39.518	ng		98
14) 1,2-Dichlorobenzene	7.15	146	428360	39.608	ng		98
15) Benzyl Alcohol	7.11	79	381276	41.376	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	560071	37.744	ng		94
17) 2-Methylphenol	7.22	107	378786	41.769	ng		99
18) Hexachloroethane	7.48	117	168671	41.143	ng		94
19) n-Nitroso-di-n-propylamine	7.38	70	289149	37.936	ng		93
20) 3+4-Methylphenols	7.37	107	464206	40.335	ng		92
22) Acetophenone	7.38	105	575453	36.436	ng	#	94
24) Nitrobenzene	7.56	77	450607	43.556	ng		95
25) Isophorone	7.79	82	844617	41.404	ng		98
26) 2-Nitrophenol	7.87	139	245061	59.454	ng		94
27) 2,4-Dimethylphenol	7.90	122	422115	48.302	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	534956	43.307	ng		100
29) 2,4-Dichlorophenol	8.11	162	369895	46.524	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	372866	40.434	ng		99
31) Naphthalene	8.28	128	1236767	39.842	ng		100
32) Benzoic acid	8.02	122	264368	43.931	ng		97
33) 4-Chloroaniline	8.32	127	76225	5.853	ng		94
34) Hexachlorobutadiene	8.39	225	196112	38.789	ng		98
35) Caprolactam	8.70	113	130663m	47.726	ng		
36) 4-Chloro-3-methylphenol	8.80	107	407451	46.486	ng		98
37) 2-Methylnaphthalene	8.97	142	836610	42.499	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	345786	41.245	ng		99
40) Hexachlorocyclopentadiene	9.12	237	341031	78.832	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	258353	48.178	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	274607	45.370	ng		96
45) 1,1'-Biphenyl	9.43	154	975220	39.797	ng		100
46) 2-Chloronaphthalene	9.46	162	781529	40.155	ng		98
47) 2-Nitroaniline	9.56	65	245190	48.134	ng		89
48) Acenaphthylene	9.88	152	1198524	39.711	ng		99
49) Dimethylphthalate	9.73	163	946271	42.205	ng		99
50) 2,6-Dinitrotoluene	9.80	165	216344	49.725	ng	#	87
51) Acenaphthene	10.05	154	790642	44.119	ng		99
52) 3-Nitroaniline	9.96	138	85243	18.910	ng		98
53) 2,4-Dinitrophenol	10.07	184	163022	101.024	ng	#	18
54) Dibenzofuran	10.22	168	1080335	42.210	ng		99
55) 4-Nitrophenol	10.13	139	384718	92.870	ng		88
56) 2,4-Dinitrotoluene	10.20	165	294047	52.800	ng		91
57) Fluorene	10.57	166	824385	41.508	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	220118	51.325	ng		94
59) Diethylphthalate	10.43	149	910982	40.937	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	383754	42.279	ng		93
61) 4-Nitroaniline	10.59	138	223333	44.904	ng		95
62) Azobenzene	10.72	77	874869	38.669	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	116222	54.661	ng		84
65) n-Nitrosodiphenylamine	10.67	169	764411	41.462	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	241403	43.408	ng		94
67) Hexachlorobenzene	11.12	284	264845	41.726	ng	#	91
68) Atrazine	11.20	200	252651	44.300	ng		99
69) Pentachlorophenol	11.31	266	274021	75.092	ng		98
70) Phenanthrene	11.53	178	1212668	40.928	ng		100
71) Anthracene	11.59	178	1249065	41.507	ng		100
72) Carbazole	11.74	167	1191838	40.748	ng		99
73) Di-n-butylphthalate	12.06	149	1463693	41.706	ng		99
74) Fluoranthene	12.73	202	1274353	41.748	ng		99
76) Benzidine	12.84	184	415184	25.034	ng		97
77) Pyrene	12.96	202	1281913	44.890	ng		99
79) Butylbenzylphthalate	13.56	149	634647	50.161	ng		98
80) Benzo(a)anthracene	14.15	228	1054850	42.856	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	159407	19.361	ng	#	95
82) Chrysene	14.19	228	973701	41.499	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	876947	48.518	ng		99
84) Di-n-octyl phthalate	14.74	149	1403899	53.390	ng		95
85) Indeno(1,2,3-cd)pyrene	17.28	276	924335	45.111	ng		98
87) Benzo(b)fluoranthene	15.24	252	901003	43.499	ng		97
88) Benzo(k)fluoranthene	15.27	252	821587	41.263	ng		99
89) Benzo(a)pyrene	15.63	252	815041	43.383	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	767088	47.154	ng		99
91) Benzo(g,h,i)perylene	17.76	276	768377	48.552	ng		97

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

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