Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103695.D
Acq On : 16 Mar 2018 14:38
Operator : JU/SJ
Sample : PB107310BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107310BSD

Manual Integrations APPROVED
Sohil
3/19/2018 2:00:48 PM

Quant Time: Mar 16 16:01:52 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	6.96	152	169176	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	705743	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	336733	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	610957	20.00	ng		0.00
75) Chrysene-d12	14.15	240	496998	20.00	ng		0.00
86) Perylene-d12	15.67	264	421309	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	828709	74.51	ng		0.01
7) Phenol-d6	6.59	99	1024888	75.32	ng		0.00
23) Nitrobenzene-d5	7.53	82	871271	86.09	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	246223	85.04	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1524977	72.24	ng		0.00
78) Terphenyl-d14	13.09	244	1450612	67.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	167753	30.629	ng		93
3) Pyridine	3.66	79	475287	31.551	ng		90
4) n-Nitrosodimethylamine	3.62	42	203755	36.683	ng		93
6) Aniline	6.63	93	408161	21.006	ng		97
8) 2-Chlorophenol	6.75	128	434317	37.275	ng		95
9) Benzaldehyde	6.52	77	190038	21.257	ng		99
10) Phenol	6.60	94	539164	37.287	ng		95
11) bis(2-Chloroethyl)ether	6.70	93	418668	35.073	ng		96
12) 1,3-Dichlorobenzene	6.91	146	443198	33.397	ng		99
13) 1,4-Dichlorobenzene	6.99	146	443546	33.261	ng		98
14) 1,2-Dichlorobenzene	7.14	146	419071	33.866	ng		98
15) Benzyl Alcohol	7.10	79	379938	36.035	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	581394	34.244	ng		96
17) 2-Methylphenol	7.20	107	363300	35.013	ng		99
18) Hexachloroethane	7.48	117	166486	35.493	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	295821	33.921	ng		95
20) 3+4-Methylphenols	7.36	107	457977	34.779	ng		100
22) Acetophenone	7.37	105	585147	32.261	ng	#	94
24) Nitrobenzene	7.55	77	458206	38.566	ng		98
25) Isophorone	7.78	82	853977	36.452	ng		97
26) 2-Nitrophenol	7.86	139	212396	47.186	ng		97
27) 2,4-Dimethylphenol	7.89	122	413228	41.173	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	539033	37.997	ng		99
29) 2,4-Dichlorophenol	8.10	162	353160	38.677	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	361676	34.151	ng		98
31) Naphthalene	8.27	128	1218015	34.165	ng		99
32) Benzoic acid	7.97	122	100136	21.127	ng		98
33) 4-Chloroaniline	8.31	127	187358	12.527	ng		99
34) Hexachlorobutadiene	8.38	225	188171	32.407	ng		98
35) Caprolactam	8.68	113	112120m	35.659	ng		
36) 4-Chloro-3-methylphenol	8.79	107	389351	38.679	ng		99
37) 2-Methylnaphthalene	8.96	142	810456	35.848	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	316225	32.917	ng		97
40) Hexachlorocyclopentadiene	9.12	237	377676	76.190	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	241609	39.320	ng		99
43) 2,4,5-Trichlorophenol	9.27	196	258543	37.279	ng		96
45) 1,1'-Biphenyl	9.43	154	930156	33.127	ng		99
46) 2-Chloronaphthalene	9.45	162	742376	33.288	ng		100
47) 2-Nitroaniline	9.55	65	237510	41.745	ng		95
48) Acenaphthylene	9.87	152	1144240	33.087	ng		99
49) Dimethylphthalate	9.72	163	888040	34.566	ng		99
50) 2,6-Dinitrotoluene	9.79	165	194640	39.898	ng		96
51) Acenaphthene	10.05	154	716658	34.900	ng		99
52) 3-Nitroaniline	9.96	138	137915	25.129	ng		94
53) 2,4-Dinitrophenol	10.06	184	79642	62.472	ng	#	23
54) Dibenzofuran	10.22	168	1024146	34.921	ng		98
55) 4-Nitrophenol	10.11	139	357060	76.167	ng		98
56) 2,4-Dinitrotoluene	10.19	165	266231	43.024	ng		97
57) Fluorene	10.56	166	785810	34.530	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	205104	41.736	ng		98
59) Diethylphthalate	10.42	149	867183	34.009	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	361573	34.765	ng		98
61) 4-Nitroaniline	10.57	138	220317	39.180	ng		98
62) Azobenzene	10.71	77	893796	34.477	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	79596	39.276	ng		78
65) n-Nitrosodiphenylamine	10.67	169	717527	34.503	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	220642	35.174	ng		92
67) Hexachlorobenzene	11.10	284	242734	33.904	ng		93
68) Atrazine	11.19	200	229472	35.671	ng		98
69) Pentachlorophenol	11.30	266	241438	58.657	ng		97
70) Phenanthrene	11.52	178	1139410	34.093	ng		99
71) Anthracene	11.57	178	1193244	35.153	ng		99
72) Carbazole	11.73	167	1107652	33.573	ng		99
73) Di-n-butylphthalate	12.05	149	1363467	34.443	ng		99
74) Fluoranthene	12.72	202	1200195	34.858	ng		99
76) Benzidine	12.83	184	546421	25.778	ng		98
77) Pyrene	12.95	202	1221717	33.472	ng		100
79) Butylbenzylphthalate	13.56	149	592922	36.666	ng		97
80) Benzo(a)anthracene	14.14	228	1102698	35.051	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	163624	15.549	ng		97
82) Chrysene	14.17	228	1023881	34.142	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	834382	36.118	ng	#	99
84) Di-n-octyl phthalate	14.74	149	1383490	41.164	ng		97
85) Indeno(1,2,3-cd)pyrene	17.23	276	821118	31.353	ng		97
87) Benzo(b)fluoranthene	15.22	252	959838	36.061	ng		98
88) Benzo(k)fluoranthene	15.26	252	968748	37.862	ng		97
89) Benzo(a)pyrene	15.61	252	893643	37.016	ng		97
90) Dibenzo(a,h)anthracene	17.26	278	685838	32.808	ng		98
91) Benzo(g,h,i)perylene	17.71	276	668998	32.896	ng		96

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

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