Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085165.D
Acq On : 3 Mar 2016 19:24
Operator : SJ/UM
Sample : PB88646BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88646BS

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:36 PM

Quant Time: Mar 04 03:16:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	156010	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	654779	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	301685	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	562122	20.00	ng		0.00
75) Chrysene-d12	14.14	240	400945	20.00	ng		-0.01
86) Perylene-d12	15.61	264	299469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1065925	114.61	ng		0.01
7) Phenol-d6	6.61	99	1542318	126.57	ng		0.00
23) Nitrobenzene-d5	7.54	82	1015386	82.98	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	359815	139.39	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1505489	75.89	ng		-0.01
78) Terphenyl-d14	13.09	244	1395716	80.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	163624	34.40	ng		98
3) Pyridine	3.52	79	485471	40.78	ng		99
4) n-Nitrosodimethylamine	3.46	42	206070	40.45	ng		99
6) Aniline	6.64	93	332199m	19.45	ng		
8) 2-Chlorophenol	6.77	128	464523	41.49	ng		92
9) Benzaldehyde	6.53	77	163472	25.85	ng		91
10) Phenol	6.62	94	640568m	49.08	ng		
11) bis(2-Chloroethyl)ether	6.71	93	397335	36.66	ng		91
12) 1,3-Dichlorobenzene	6.92	146	454412m	37.80	ng		
13) 1,4-Dichlorobenzene	7.00	146	477897	39.67	ng		97
14) 1,2-Dichlorobenzene	7.16	146	440206	40.27	ng		93
15) Benzyl Alcohol	7.12	79	426899	47.72	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.26	45	631289	40.40	ng		99
17) 2-Methylphenol	7.22	107	366418	40.10	ng		95
18) Hexachloroethane	7.50	117	186195	41.89	ng		93
19) n-Nitroso-di-n-propylamine	7.40	70	340095	42.82	ng		98
20) 3+4-Methylphenols	7.38	107	491210	45.39	ng	#	71
22) Acetophenone	7.38	105	592557	37.08	ng	#	92
24) Nitrobenzene	7.56	77	456247	36.70	ng		96
25) Isophorone	7.80	82	895762	39.50	ng		99
26) 2-Nitrophenol	7.88	139	228032	37.70	ng	#	71
27) 2,4-Dimethylphenol	7.91	122	441109	39.90	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	585134	46.33	ng		98
29) 2,4-Dichlorophenol	8.12	162	359848	40.36	ng		91
30) 1,2,4-Trichlorobenzene	8.21	180	402464	41.75	ng		97
31) Naphthalene	8.29	128	1340386	41.63	ng		99
32) Benzoic acid	8.01	122	226274	30.82	ng		99
33) 4-Chloroaniline	8.33	127	149099	11.45	ng	#	91
34) Hexachlorobutadiene	8.40	225	191079	38.10	ng		96
35) Caprolactam	8.70	113	142762m	49.03	ng		
36) 4-Chloro-3-methylphenol	8.81	107	435651	43.07	ng		92
37) 2-Methylnaphthalene	8.97	142	874855	42.34	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	339233	39.32	ng		99
40) Hexachlorocyclopentadiene	9.13	237	399256	85.80	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	260833	40.61	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	269478	44.25	ng		95
45) 1,1'-Biphenyl	9.44	154	1015022	39.38	ng		97
46) 2-Chloronaphthalene	9.46	162	742911	37.81	ng	#	92
47) 2-Nitroaniline	9.56	65	234192	38.47	ng		98
48) Acenaphthylene	9.89	152	1299602	42.50	ng		98
49) Dimethylphthalate	9.74	163	862162	37.23	ng		99
50) 2,6-Dinitrotoluene	9.80	165	192440	38.85	ng	#	77
51) Acenaphthene	10.06	154	872449	46.99	ng		99
52) 3-Nitroaniline	9.97	138	104551	17.64	ng		94
53) 2,4-Dinitrophenol	10.07	184	171496	69.40	ng	#	61
54) Dibenzofuran	10.23	168	1146329	47.13	ng		96
55) 4-Nitrophenol	10.13	139	401658	86.24	ng		89
56) 2,4-Dinitrotoluene	10.21	165	294776	46.50	ng	#	79
57) Fluorene	10.57	166	858113	44.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	213153	49.83	ng		95
59) Diethylphthalate	10.44	149	905541	40.30	ng		95
60) 4-Chlorophenyl-phenylether	10.56	204	411519	44.27	ng		94
61) 4-Nitroaniline	10.58	138	230408	41.57	ng		92
62) Azobenzene	10.72	77	1084209	48.98	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	125991	37.43	ng	#	55
65) n-Nitrosodiphenylamine	10.68	169	699698	40.02	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	239913	43.95	ng	#	89
67) Hexachlorobenzene	11.12	284	242303	41.61	ng	#	89
68) Atrazine	11.20	200	233090	47.94	ng		99
69) Pentachlorophenol	11.30	266	258057	79.84	ng		99
70) Phenanthrene	11.53	178	1335181	45.32	ng		99
71) Anthracene	11.58	178	1195359	38.22	ng		99
72) Carbazole	11.73	167	1139233	41.54	ng		98
73) Di-n-butylphthalate	12.06	149	1374338	39.65	ng		99
74) Fluoranthene	12.72	202	1270777	42.98	ng		95
76) Benzidine	12.84	184	295982	24.80	ng		99
77) Pyrene	12.95	202	1304183	43.22	ng		98
79) Butylbenzylphthalate	13.56	149	558580	40.79	ng		98
80) Benzo(a)anthracene	14.13	228	945675	39.40	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	135724	17.92	ng	#	96
82) Chrysene	14.17	228	901057	40.64	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	762757	42.33	ng		99
84) Di-n-octyl phthalate	14.73	149	1218214	44.39	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	694101	40.11	ng		100
87) Benzo(b)fluoranthene	15.18	252	748450	37.50	ng		99
88) Benzo(k)fluoranthene	15.21	252	770903m	47.88	ng		
89) Benzo(a)pyrene	15.55	252	701841	42.43	ng	#	95
90) Dibenzo(a,h)anthracene	17.10	278	587771	41.63	ng		99
91) Benzo(g,h,i)perylene	17.53	276	577529	40.68	ng		100

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

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