Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101116.D
Acq On : 5 Dec 2017 11:33
Operator : SJ/JU
Sample : PB104699BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104699BS

Manual Integrations APPROVED
Sohil
12/6/2017 5:12:15 PM

Quant Time: Dec 05 13:13:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52123	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	206029	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	99400	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	196978	20.00	ng		0.00
75) Chrysene-d12	14.03	240	142341	20.00	ng		0.00
86) Perylene-d12	15.50	264	112568	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	350940	111.26	ng		0.02
7) Phenol-d6	6.49	99	428777	111.96	ng		0.01
23) Nitrobenzene-d5	7.42	82	263295	76.23	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	132180	110.70	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	596058	82.04	ng		0.00
78) Terphenyl-d14	12.96	244	603381	92.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	42208	32.360	ng		93
3) Pyridine	3.47	79	120379	35.601	ng		91
4) n-Nitrosodimethylamine	3.43	42	63342	38.355	ng	#	95
6) Aniline	6.52	93	71007	14.259	ng		98
8) 2-Chlorophenol	6.64	128	133897	38.932	ng		94
9) Benzaldehyde	6.40	77	48706	20.780	ng		97
10) Phenol	6.50	94	156887	36.843	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	118478	37.093	ng		99
12) 1,3-Dichlorobenzene	6.79	146	152172	37.998	ng		97
13) 1,4-Dichlorobenzene	6.86	146	151594	36.562	ng		98
14) 1,2-Dichlorobenzene	7.02	146	144178	37.281	ng		98
15) Benzyl Alcohol	6.99	79	112990	38.200	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	190977	43.987	ng		97
17) 2-Methylphenol	7.10	107	108604	39.106	ng		97
18) Hexachloroethane	7.36	117	50829	38.158	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	91747	35.573	ng		95
20) 3+4-Methylphenols	7.26	107	140442	38.777	ng	#	70
22) Acetophenone	7.26	105	174777	35.113	ng	#	88
24) Nitrobenzene	7.43	77	132454	39.130	ng		100
25) Isophorone	7.67	82	242455	41.098	ng		97
26) 2-Nitrophenol	7.75	139	74905	40.311	ng		93
27) 2,4-Dimethylphenol	7.79	122	124747	46.408	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	153568	38.731	ng		99
29) 2,4-Dichlorophenol	7.99	162	120284	41.110	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	125217	38.919	ng		95
31) Naphthalene	8.15	128	386462	38.059	ng		100
32) Benzoic acid	7.92	122	66377	31.749	ng		96
33) 4-Chloroaniline	8.20	127	28599	7.010	ng		98
34) Hexachlorobutadiene	8.26	225	74541	37.775	ng		98
35) Caprolactam	8.59	113	35495m	38.926	ng		
36) 4-Chloro-3-methylphenol	8.69	107	122764	40.505	ng		99
37) 2-Methylnaphthalene	8.85	142	273106	39.583	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	128831	35.677	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	70089	55.985	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	89378	42.223	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	91771	40.552	ng		93
45) 1,1'-Biphenyl	9.31	154	324613	35.644	ng		96
46) 2-Chloronaphthalene	9.34	162	257984	39.888	ng		96
47) 2-Nitroaniline	9.43	65	73835	38.586	ng		97
48) Acenaphthylene	9.75	152	402993	37.915	ng		99
49) Dimethylphthalate	9.61	163	303225	37.826	ng		99
50) 2,6-Dinitrotoluene	9.68	165	66685	39.495	ng	#	86
51) Acenaphthene	9.92	154	233876	36.747	ng		99
52) 3-Nitroaniline	9.85	138	25851	13.615	ng		92
53) 2,4-Dinitrophenol	9.96	184	41168	49.381	ng	#	18
54) Dibenzofuran	10.10	168	352620	38.446	ng		97
55) 4-Nitrophenol	10.02	139	90932	71.012	ng		94
56) 2,4-Dinitrotoluene	10.09	165	86256	38.119	ng		96
57) Fluorene	10.44	166	286069	38.368	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	75953	41.918	ng	#	86
59) Diethylphthalate	10.31	149	298910	37.804	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	140814	38.251	ng		92
61) 4-Nitroaniline	10.47	138	62213	31.564	ng		89
62) Azobenzene	10.59	77	256277	38.192	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	33617	25.445	ng		83
65) n-Nitrosodiphenylamine	10.55	169	259749	37.378	ng		95
66) 4-Bromophenyl-phenylether	10.92	248	88119	39.966	ng		89
67) Hexachlorobenzene	10.99	284	89453	37.855	ng	#	83
68) Atrazine	11.07	200	86103	40.393	ng		98
69) Pentachlorophenol	11.19	266	85581	65.867	ng		99
70) Phenanthrene	11.40	178	411029	37.892	ng		99
71) Anthracene	11.46	178	431941	39.344	ng		97
72) Carbazole	11.61	167	369470	36.833	ng		99
73) Di-n-butylphthalate	11.93	149	471788	37.525	ng		98
74) Fluoranthene	12.60	202	438495	36.467	ng		93
76) Benzidine	12.72	184	130427	28.178	ng		96
77) Pyrene	12.83	202	438043	44.598	ng		99
79) Butylbenzylphthalate	13.43	149	192822	44.527	ng		90
80) Benzo(a)anthracene	14.02	228	352448	39.217	ng		97
81) 3,3'-Dichlorobenzidine	13.97	252	67408	21.657	ng	#	98
82) Chrysene	14.05	228	323347	38.740	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	265611	43.018	ng		100
84) Di-n-octyl phthalate	14.60	149	415707	40.436	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	275074	37.070	ng	#	92
87) Benzo(b)fluoranthene	15.07	252	262930	38.996	ng		98
88) Benzo(k)fluoranthene	15.10	252	237416	35.740	ng	#	95
89) Benzo(a)pyrene	15.43	252	237618	38.764	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	231154	42.775	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	228168	44.802	ng	#	91

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

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