Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
Data File : BM011154.D
Acq On : 07 Aug 2017 16:17
Operator : SJ/JU
Sample : PB101261BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB101261BS

Manual Integrations APPROVED
Sohil
8/10/2017 6:12:55 PM

Quant Time: Aug 08 01:35:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	159634	20.00	ng		-0.08
21) Naphthalene-d8	10.07	136	702716	20.00	ng		-0.08
38) Acenaphthene-d10	13.98	164	564634	20.00	ng		-0.07
63) Phenanthrene-d10	16.74	188	1666174	20.00	ng		-0.07
75) Chrysene-d12	20.97	240	2155595	20.00	ng		-0.06
86) Perylene-d12	23.05	264	2038897	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	1490343	157.82	ng		-0.07
7) Phenol-d6	6.52	99	2153772	160.52	ng		-0.07
23) Nitrobenzene-d5	8.46	82	1755583	93.76	ng		-0.08
41) 2,4,6-Tribromophenol	15.49	330	1433260	158.37	ng		-0.06
44) 2-Fluorobiphenyl	12.59	172	3985267	88.52	ng		-0.08
78) Terphenyl-d14	19.41	244	8046230	73.94	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	152672	36.008	ng	#	100
3) Pyridine	3.32	79	442044	38.169	ng	#	85
4) n-Nitrosodimethylamine	3.24	42	273492	46.339	ng	#	74
6) Aniline	6.66	93	459780	27.189	ng	#	84
8) 2-Chlorophenol	6.89	128	446755	46.598	ng	#	76
9) Benzaldehyde	6.47	77	294689	33.945	ng	#	72
10) Phenol	6.55	94	726868	49.877	ng		96
11) bis(2-Chloroethyl)ether	6.76	93	495874	43.670	ng		88
12) 1,3-Dichlorobenzene	7.20	146	477140	40.836	ng	#	79
13) 1,4-Dichlorobenzene	7.35	146	484626	40.464	ng	#	88
14) 1,2-Dichlorobenzene	7.66	146	477783	41.723	ng	#	91
15) Benzyl Alcohol	7.56	79	661371	51.383	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.86	45	510179	49.930	ng		80
17) 2-Methylphenol	7.77	107	472325	50.711	ng	#	73
18) Hexachloroethane	8.37	117	227479	43.553	ng	#	80
19) n-Nitroso-di-n-propylamine	8.13	70	595366	52.217	ng	#	90
20) 3+4-Methylphenols	8.10	107	622342	48.068	ng	#	77
22) Acetophenone	8.13	105	872004	41.397	ng	#	91
24) Nitrobenzene	8.50	77	862894	44.475	ng	#	82
25) Isophorone	9.03	82	1517076	48.596	ng	#	84
26) 2-Nitrophenol	9.20	139	259712	42.070	ng	#	20
27) 2,4-Dimethylphenol	9.28	122	463752	42.673	ng	#	62
28) bis(2-Chloroethoxy)methane	9.52	93	767188	44.062	ng	#	98
29) 2,4-Dichlorophenol	9.73	162	546951	44.788	ng		94
30) 1,2,4-Trichlorobenzene	9.94	180	619748	41.045	ng		99
31) Naphthalene	10.12	128	1474453	41.709	ng		97
32) Benzoic acid	9.44	122	320740	36.718	ng	#	50
33) 4-Chloroaniline	10.27	127	235571	16.704	ng	#	66
34) Hexachlorobutadiene	10.41	225	498095	41.883	ng		96
35) Caprolactam	11.05	113	179088m	51.712	ng		
36) 4-Chloro-3-methylphenol	11.39	107	756914	48.001	ng	#	70
37) 2-Methylnaphthalene	11.75	142	1186719	45.696	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.13	216	913585	37.660	ng	#	100
40) Hexachlorocyclopentadiene	12.11	237	395739	27.997	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.39	196	617478	42.054	ng		99
43) 2,4,5-Trichlorophenol	12.46	196	651452	43.078	ng	#	87
45) 1,1'-Biphenyl	12.80	154	1807532	37.022	ng		97
46) 2-Chloronaphthalene	12.83	162	1414213	39.314	ng	#	92
47) 2-Nitroaniline	13.06	65	616425	48.438	ng	#	63
48) Acenaphthylene	13.69	152	2250457	41.920	ng		99
49) Dimethylphthalate	13.46	163	2075920	42.978	ng	#	99
50) 2,6-Dinitrotoluene	13.57	165	448187	45.885	ng	#	54
51) Acenaphthene	14.04	154	1405199	42.274	ng		98
52) 3-Nitroaniline	13.91	138	305210	36.009	ng	#	25
53) 2,4-Dinitrophenol	14.12	184	640897	92.325	ng	#	83
54) Dibenzofuran	14.39	168	2503535	46.482	ng	#	90
55) 4-Nitrophenol	14.23	139	537992	72.244	ng	#	81
56) 2,4-Dinitrotoluene	14.37	165	675450	49.259	ng		84
57) Fluorene	15.04	166	2125336	45.322	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.62	232	737317	52.017	ng	#	100
59) Diethylphthalate	14.84	149	2222480	45.054	ng		99
60) 4-Chlorophenyl-phenylether	15.04	204	1269722	44.847	ng		97
61) 4-Nitroaniline	15.08	138	242443	26.929	ng	#	1
62) Azobenzene	15.34	77	2929059	55.480	ng		85
64) 4,6-Dinitro-2-methylphenol	15.14	198	457863	40.592	ng		93
65) n-Nitrosodiphenylamine	15.27	169	1860542	39.019	ng		99
66) 4-Bromophenyl-phenylether	15.94	248	860779	40.187	ng	#	91
67) Hexachlorobenzene	16.04	284	915275	37.815	ng	#	86
68) Atrazine	16.24	200	825953	43.224	ng		98
69) Pentachlorophenol	16.40	266	1271258	82.730	ng		99
70) Phenanthrene	16.78	178	3801925	43.578	ng		99
71) Anthracene	16.87	178	3782594	43.473	ng		99
72) Carbazole	17.16	167	2900526	38.118	ng		98
73) Di-n-butylphthalate	17.74	149	4035885	43.554	ng	#	96
74) Fluoranthene	18.82	202	5166533	47.787	ng		99
76) Benzidine	19.04	184	842317	16.334	ng		98
77) Pyrene	19.18	202	5348811	41.761	ng		99
79) Butylbenzylphthalate	20.13	149	1977248	43.412	ng	#	67
80) Benzo(a)anthracene	20.95	228	5284881	42.938	ng		99
81) 3,3'-Dichlorobenzidine	20.90	252	1426576	29.545	ng	#	97
82) Chrysene	21.00	228	4956799	41.954	ng		100
83) Bis(2-ethylhexyl)phthalate	20.91	149	2806438	41.885	ng	#	96
84) Di-n-octyl phthalate	21.76	149	4787677	44.026	ng		96
85) Indeno(1,2,3-cd)pyrene	25.09	276	5306140	43.365	ng	#	97
87) Benzo(b)fluoranthene	22.44	252	5679038	43.398	ng	#	91
88) Benzo(k)fluoranthene	22.48	252	5098994	40.654	ng	#	95
89) Benzo(a)pyrene	22.96	252	5101345	43.082	ng	#	96
90) Dibenzo(a,h)anthracene	25.10	278	4105178	37.398	ng	#	90
91) Benzo(g,h,i)perylene	25.71	276	4313148	40.015	ng	#	85

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

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