Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062817\
Data File : BG027726.D
Acq On : 29 Jun 2017 4:42
Operator : SJ/JU
Sample : PB100192BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB100192BS

Manual Integrations APPROVED
mohammad
6/29/2017 4:49:01 PM

Quant Time: Jun 29 07:23:20 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	32935	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	164868	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	104111	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	264141	20.00	ng		0.00
75) Chrysene-d12	22.18	240	289499	20.00	ng		0.00
86) Perylene-d12	25.78	264	265286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	292372	136.70	ng		0.00
7) Phenol-d6	7.62	99	416048	127.33	ng		0.00
23) Nitrobenzene-d5	9.64	82	238516	80.64	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	187601	131.37	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	584509	80.18	ng		0.00
78) Terphenyl-d14	20.39	244	1036548	83.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.04	88	25789	32.386	ng		93
3) Pyridine	4.43	79	83564	34.081	ng		93
4) n-Nitrosodimethylamine	4.34	42	43524	36.198	ng	#	69
6) Aniline	7.80	93	94859	25.046	ng		96
8) 2-Chlorophenol	8.05	128	103555	43.329	ng		89
9) Benzaldehyde	7.62	77	45809	23.561	ng		90
10) Phenol	7.65	94	140676	43.518	ng		80
11) bis(2-Chloroethyl)ether	7.88	93	92268	37.577	ng		98
12) 1,3-Dichlorobenzene	8.37	146	96791	38.075	ng	#	89
13) 1,4-Dichlorobenzene	8.51	146	97968	37.192	ng		94
14) 1,2-Dichlorobenzene	8.83	146	94595	37.038	ng		94
15) Benzyl Alcohol	8.70	79	94837	41.958	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.99	45	196168	37.456	ng		98
17) 2-Methylphenol	8.90	107	95781	41.880	ng	#	84
18) Hexachloroethane	9.57	117	34270	36.986	ng	#	81
19) n-Nitroso-di-n-propylamine	9.27	70	84218	35.429	ng		93
20) 3+4-Methylphenols	9.22	107	129424	39.243	ng		89
22) Acetophenone	9.29	105	151559	38.095	ng	#	88
24) Nitrobenzene	9.68	77	116127	37.554	ng	#	86
25) Isophorone	10.20	82	233417	36.205	ng	#	94
26) 2-Nitrophenol	10.40	139	55713	39.887	ng	#	79
27) 2,4-Dimethylphenol	10.44	122	113225	43.280	ng		90
28) bis(2-Chloroethoxy)methane	10.67	93	134734	36.862	ng		99
29) 2,4-Dichlorophenol	10.93	162	99925	43.585	ng		97
30) 1,2,4-Trichlorobenzene	11.15	180	88825	37.988	ng		94
31) Naphthalene	11.35	128	323541	36.902	ng		99
32) Benzoic acid	10.55	122	53569	36.178	ng	#	79
33) 4-Chloroaniline	11.45	127	43413	11.461	ng	#	90
34) Hexachlorobutadiene	11.62	225	49477	37.976	ng		99
35) Caprolactam	12.21	113	44901m	38.938	ng		
36) 4-Chloro-3-methylphenol	12.53	107	132611	41.106	ng		87
37) 2-Methylnaphthalene	12.92	142	245044m	37.524	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	102750	37.557	ng	#	98
40) Hexachlorocyclopentadiene	13.25	237	126991	98.451	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	81119	41.053	ng		97
43) 2,4,5-Trichlorophenol	13.57	196	91306	40.782	ng		95
45) 1,1'-Biphenyl	13.90	154	323312	38.744	ng		98
46) 2-Chloronaphthalene	13.95	162	240073	38.083	ng		99
47) 2-Nitroaniline	14.14	65	100739	39.924	ng	#	86
48) Acenaphthylene	14.79	152	419419	36.411	ng		98
49) Dimethylphthalate	14.50	163	352841	39.728	ng	#	97
50) 2,6-Dinitrotoluene	14.63	165	77529	40.157	ng	#	80
51) Acenaphthene	15.13	154	262229	35.519	ng		95
52) 3-Nitroaniline	14.96	138	41633	18.330	ng	#	85
53) 2,4-Dinitrophenol	15.17	184	85430	80.560	ng		91
54) Dibenzofuran	15.46	168	397064	40.674	ng		95
55) 4-Nitrophenol	15.25	139	158076	91.172	ng	#	56
56) 2,4-Dinitrotoluene	15.41	165	112843	41.904	ng	#	89
57) Fluorene	16.11	166	353221	37.318	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.68	232	84956m	44.018	ng		
59) Diethylphthalate	15.85	149	393488	40.012	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	159608	38.092	ng		96
61) 4-Nitroaniline	16.12	138	97958	41.398	ng	#	64
62) Azobenzene	16.38	77	368770	42.674	ng		92
64) 4,6-Dinitro-2-methylphenol	16.18	198	61467	38.633	ng		79
65) n-Nitrosodiphenylamine	16.30	169	321466	37.412	ng		99
66) 4-Bromophenyl-phenylether	16.98	248	105828	38.307	ng	#	90
67) Hexachlorobenzene	17.11	284	109360	37.378	ng		94
68) Atrazine	17.24	200	115718	42.657	ng		97
69) Pentachlorophenol	17.46	266	136877	73.794	ng		97
70) Phenanthrene	17.86	178	586685	38.474	ng		95
71) Anthracene	17.95	178	596046	38.708	ng		98
72) Carbazole	18.21	167	554284	36.550	ng		95
73) Di-n-butylphthalate	18.73	149	697726	41.868	ng	#	93
74) Fluoranthene	19.85	202	664213	39.855	ng		93
76) Benzidine	20.01	184	233395	34.816	ng		97
77) Pyrene	20.21	202	690526	38.008	ng		95
79) Butylbenzylphthalate	21.08	149	331406	40.502	ng	#	90
80) Benzo(a)anthracene	22.15	228	670872	38.330	ng		95
81) 3,3'-Dichlorobenzidine	22.05	252	139419	21.947	ng	#	96
82) Chrysene	22.22	228	621226	37.866	ng		94
83) Bis(2-ethylhexyl)phthalate	22.01	149	468747	39.201	ng	#	96
84) Di-n-octyl phthalate	23.34	149	804970	40.747	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.93	276	736609	39.285	ng	#	97
87) Benzo(b)fluoranthene	24.63	252	650705	38.072	ng	#	95
88) Benzo(k)fluoranthene	24.70	252	646627	38.275	ng	#	92
89) Benzo(a)pyrene	25.61	252	622989	38.846	ng	#	93
90) Dibenzo(a,h)anthracene	30.01	278	622836	38.336	ng	#	93
91) Benzo(g,h,i)perylene	31.24	276	594026	38.045	ng	#	87

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

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