Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
Data File : BG032278.D
Acq On : 25 Jan 2018 2:40
Operator : SJ/JU
Sample : J1015-13MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-012218-AMS

Manual Integrations APPROVED
Sohil
1/25/2018 5:33:45 PM

Quant Time: Jan 25 07:39:44 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	36900	20.00	ng		0.00
21) Naphthalene-d8	11.61	136	151782	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	109109	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	307709	20.00	ng		0.00
75) Chrysene-d12	22.43	240	378813	20.00	ng		0.00
86) Perylene-d12	26.11	264	408429	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	247490	122.67	ng		0.00
7) Phenol-d6	7.84	99	291759	114.82	ng		0.00
23) Nitrobenzene-d5	9.92	82	205016	91.38	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	244305	135.31	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	713502	81.08	ng		0.00
78) Terphenyl-d14	20.63	244	1443503	84.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.83	88	24989	32.239	ng	#	78
3) Pyridine	4.28	79	36910	17.840	ng	#	83
4) n-Nitrosodimethylamine	4.18	42	41140	56.599	ng	#	74
6) Aniline	8.02	93	27847	8.688	ng		94
8) 2-Chlorophenol	8.27	128	102395	45.355	ng		83
9) Benzaldehyde	7.82	77	24763	16.820	ng	#	78
10) Phenol	7.86	94	101259	40.454	ng		95
11) bis(2-Chloroethyl)ether	8.11	93	79468	39.628	ng		85
12) 1,3-Dichlorobenzene	8.61	146	122312m	41.395	ng		
13) 1,4-Dichlorobenzene	8.76	146	126600	42.553	ng		95
14) 1,2-Dichlorobenzene	9.09	146	116348	40.433	ng		96
15) Benzyl Alcohol	8.96	79	91109	49.357	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.26	45	78069	38.307	ng		79
17) 2-Methylphenol	9.16	107	77456	40.491	ng	#	95
18) Hexachloroethane	9.84	117	41124	44.977	ng	#	87
19) n-Nitroso-di-n-propylamine	9.54	70	66514	42.189	ng	#	89
20) 3+4-Methylphenols	9.50	107	107697	40.640	ng		94
22) Acetophenone	9.56	105	148346	43.027	ng	#	91
24) Nitrobenzene	9.97	77	101343	45.286	ng	#	88
25) Isophorone	10.49	82	186532	44.652	ng	#	81
26) 2-Nitrophenol	10.69	139	60768	45.828	ng	#	84
27) 2,4-Dimethylphenol	10.73	122	100599	47.808	ng		97
28) bis(2-Chloroethoxy)methane	10.97	93	111404	44.262	ng		96
29) 2,4-Dichlorophenol	11.23	162	125672	48.537	ng		87
30) 1,2,4-Trichlorobenzene	11.46	180	146772	43.893	ng		99
31) Naphthalene	11.66	128	311878	41.479	ng		97
32) Benzoic acid	10.83	122	38875	25.765	ng		85
33) 4-Chloroaniline	11.75	127	23231	7.205	ng	#	89
34) Hexachlorobutadiene	11.92	225	109474	45.582	ng		96
35) Caprolactam	12.49	113	31041	39.518	ng	#	53
36) 4-Chloro-3-methylphenol	12.83	107	114904	48.484	ng	#	85
37) 2-Methylnaphthalene	13.22	142	263282	44.105	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	206778	43.477	ng	#	96
40) Hexachlorocyclopentadiene	13.55	237	259864	97.008	ng		90

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	123037	46.041	ng		96
43) 2,4,5-Trichlorophenol	13.88	196	133325	43.102	ng	#	91
45) 1,1'-Biphenyl	14.20	154	374420	40.029	ng		97
46) 2-Chloronaphthalene	14.25	162	297637	40.904	ng		97
47) 2-Nitroaniline	14.44	65	68842	49.420	ng	#	71
48) Acenaphthylene	15.09	152	440014	39.710	ng		99
49) Dimethylphthalate	14.79	163	400893	41.987	ng		99
50) 2,6-Dinitrotoluene	14.92	165	90283	45.556	ng	#	75
51) Acenaphthene	15.43	154	342593	46.758	ng		98
52) 3-Nitroaniline	15.25	138	27076	15.127	ng	#	79
53) 2,4-Dinitrophenol	15.45	184	105254	103.621	ng	#	57
54) Dibenzofuran	15.76	168	479377	43.858	ng		99
55) 4-Nitrophenol	15.54	139	122219	93.693	ng	#	80
56) 2,4-Dinitrotoluene	15.70	165	133671	50.098	ng	#	70
57) Fluorene	16.40	166	384128	42.851	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.97	232	146960	51.358	ng	#	84
59) Diethylphthalate	16.14	149	398161	43.015	ng		95
60) 4-Chlorophenyl-phenylether	16.38	204	245563	44.656	ng		93
61) 4-Nitroaniline	16.40	138	65941	38.404	ng		86
62) Azobenzene	16.67	77	249591	43.081	ng		83
64) 4,6-Dinitro-2-methylphenol	16.45	198	77808	40.370	ng	#	70
65) n-Nitrosodiphenylamine	16.59	169	361902	38.759	ng		98
66) 4-Bromophenyl-phenylether	17.27	248	181646	41.489	ng		94
67) Hexachlorobenzene	17.39	284	187725	38.756	ng	#	92
68) Atrazine	17.51	200	157752	40.174	ng		98
69) Pentachlorophenol	17.74	266	231047	74.626	ng		98
70) Phenanthrene	18.14	178	682042	39.811	ng		99
71) Anthracene	18.23	178	707296	41.393	ng		98
72) Carbazole	18.49	167	611324	41.242	ng		99
73) Di-n-butylphthalate	18.99	149	682873	38.987	ng		100
74) Fluoranthene	20.10	202	922915	43.026	ng		94
76) Benzidine	20.26	184	42517	4.488	ng		96
77) Pyrene	20.46	202	926940	38.925	ng		99
79) Butylbenzylphthalate	21.32	149	311933	36.560	ng	#	75
80) Benzo(a)anthracene	22.41	228	977834	41.507	ng		100
81) 3,3'-Dichlorobenzidine	22.30	252	127926	14.536	ng	#	95
82) Chrysene	22.48	228	918729	40.607	ng		99
83) Bis(2-ethylhexyl)phthalate	22.25	149	433779	34.670	ng	#	98
84) Di-n-octyl phthalate	23.62	149	746636	37.573	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.39	276	1216877	43.949	ng	#	86
87) Benzo(b)fluoranthene	24.93	252	1032086	41.806	ng	#	95
88) Benzo(k)fluoranthene	25.01	252	1006987	41.743	ng	#	95
89) Benzo(a)pyrene	25.94	252	1006206	43.086	ng	#	96
90) Dibenzo(a,h)anthracene	30.46	278	1020010	45.325	ng	#	94
91) Benzo(g,h,i)perylene	31.74	276	1019330	44.316	ng	#	91

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

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