Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034151.D
Acq On : 3 May 2018 14:37
Operator : SJ/JU
Sample : J2626-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-F-4A(40-42)MSD

Manual Integrations APPROVED
Sohil
5/3/2018 6:25:34 PM

Quant Time: May 03 18:26:47 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	87746	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	384581	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	300768	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	780233	20.00	ng		0.00
75) Chrysene-d12	21.76	240	819105	20.00	ng		0.00
86) Perylene-d12	25.06	264	852608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	748162	137.76	ng		0.00
7) Phenol-d6	7.23	99	1170504	138.44	ng		0.00
23) Nitrobenzene-d5	9.24	82	838090	83.61	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	543383	130.47	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1656678	80.26	ng		0.00
78) Terphenyl-d14	20.08	244	2792223	74.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	72083	31.606	ng	#	82
3) Pyridine	3.94	79	250872	35.058	ng	#	81
4) n-Nitrosodimethylamine	3.86	42	163146	41.813	ng	#	78
6) Aniline	7.39	93	340705	29.626	ng		91
8) 2-Chlorophenol	7.63	128	240877	44.448	ng		93
9) Benzaldehyde	7.20	77	120620	22.304	ng		95
10) Phenol	7.26	94	445319	52.219	ng		81
11) bis(2-Chloroethyl)ether	7.49	93	269143	40.089	ng		97
12) 1,3-Dichlorobenzene	7.96	146	258171	37.655	ng	#	89
13) 1,4-Dichlorobenzene	8.11	146	256792	37.712	ng		98
14) 1,2-Dichlorobenzene	8.43	146	242198m	37.447	ng		
15) Benzyl Alcohol	8.31	79	383267	42.493	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.60	45	362942	39.291	ng		83
17) 2-Methylphenol	8.51	107	258993	46.155	ng	#	81
18) Hexachloroethane	9.17	117	107027	36.948	ng		90
19) n-Nitroso-di-n-propylamine	8.88	70	304548	40.109	ng	#	94
20) 3+4-Methylphenols	8.84	107	355680	42.799	ng		83
22) Acetophenone	8.90	105	457343	34.911	ng	#	97
24) Nitrobenzene	9.28	77	425621	38.792	ng	#	85
25) Isophorone	9.81	82	790552	38.662	ng		98
26) 2-Nitrophenol	9.99	139	139704	45.996	ng	#	53
27) 2,4-Dimethylphenol	10.05	122	270839	45.996	ng		85
28) bis(2-Chloroethoxy)methane	10.29	93	416246	41.443	ng		95
29) 2,4-Dichlorophenol	10.53	162	308767	43.869	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	315859	37.269	ng		99
31) Naphthalene	10.94	128	755817	37.390	ng		98
32) Benzoic acid	10.12	122	36435m	10.176	ng		
33) 4-Chloroaniline	11.04	127	120097	13.175	ng	#	82
34) Hexachlorobutadiene	11.23	225	255902	35.674	ng		94
35) Caprolactam	11.82	113	115006m	46.003	ng		
36) 4-Chloro-3-methylphenol	12.16	107	394458	43.222	ng		89
37) 2-Methylnaphthalene	12.54	142	628982	38.375	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	448122	38.503	ng	#	98
40) Hexachlorocyclopentadiene	12.89	237	566804	82.191	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	307820	45.521	ng		96
43) 2,4,5-Trichlorophenol	13.21	196	346032	46.289	ng	#	96
45) 1,1'-Biphenyl	13.55	154	888017	37.794	ng		98
46) 2-Chloronaphthalene	13.60	162	691944	38.899	ng		96
47) 2-Nitroaniline	13.79	65	316484	44.501	ng		87
48) Acenaphthylene	14.44	152	1062446	37.409	ng		97
49) Dimethylphthalate	14.17	163	1162279	44.565	ng		97
50) 2,6-Dinitrotoluene	14.29	165	226440	45.206	ng	#	80
51) Acenaphthene	14.78	154	786603	40.752	ng		96
52) 3-Nitroaniline	14.61	138	123485	24.459	ng	#	76
53) 2,4-Dinitrophenol	14.82	184	128875	65.767	ng	#	72
54) Dibenzofuran	15.12	168	1100415	39.325	ng	#	88
55) 4-Nitrophenol	14.92	139	340660	88.402	ng	#	45
56) 2,4-Dinitrotoluene	15.08	165	327440	48.143	ng		96
57) Fluorene	15.76	166	914282	37.486	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	361113	46.695	ng		92
59) Diethylphthalate	15.54	149	1024868	37.135	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	573582	39.530	ng		98
61) 4-Nitroaniline	15.78	138	214319	40.019	ng	#	51
62) Azobenzene	16.05	77	1093047	36.662	ng		92
64) 4,6-Dinitro-2-methylphenol	15.84	198	166517	45.391	ng		96
65) n-Nitrosodiphenylamine	15.98	169	829857	39.006	ng		97
66) 4-Bromophenyl-phenylether	16.66	248	383296	39.567	ng		93
67) Hexachlorobenzene	16.77	284	392279	39.893	ng	#	91
68) Atrazine	16.92	200	386461	44.932	ng		96
69) Pentachlorophenol	17.11	266	526684	76.846	ng		97
70) Phenanthrene	17.51	178	1508631	37.629	ng		97
71) Anthracene	17.60	178	1542216	37.955	ng		97
72) Carbazole	17.87	167	1380384	37.111	ng		97
73) Di-n-butylphthalate	18.44	149	1536965	34.328	ng	#	95
74) Fluoranthene	19.52	202	1868684	36.885	ng		93
76) Benzidine	19.70	184	1020745	48.378	ng		98
77) Pyrene	19.88	202	1851318	36.075	ng		94
79) Butylbenzylphthalate	20.78	149	742986	37.087	ng		88
80) Benzo(a)anthracene	21.74	228	2015056	38.386	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	404812	20.392	ng	#	93
82) Chrysene	21.82	228	1911934	38.053	ng		97
83) Bis(2-ethylhexyl)phthalate	21.66	149	1008034	36.560	ng	#	98
84) Di-n-octyl phthalate	22.91	149	1748647	39.708	ng		99
85) Indeno(1,2,3-cd)pyrene	28.81	276	2324027	42.030	ng	#	84
87) Benzo(b)fluoranthene	24.01	252	2054790	38.152	ng	#	96
88) Benzo(k)fluoranthene	24.08	252	2006162	38.973	ng	#	94
89) Benzo(a)pyrene	24.90	252	1962747	38.952	ng	#	96
90) Dibenzo(a,h)anthracene	28.90	278	1944559	40.939	ng	#	95
91) Benzo(g,h,i)perylene	30.00	276	1890062	40.372	ng	#	90

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

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