Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG033992.D
Acq On : 25 Apr 2018 18:30
Operator : SJ/JU
Sample : J2541-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4-11MSD

Manual Integrations APPROVED
Sohil
4/26/2018 6:16:38 PM

Quant Time: Apr 26 06:50:34 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	67994	20.00	ng		-0.01
21) Naphthalene-d8	10.61	136	322320	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	226182	20.00	ng		-0.02
63) Phenanthrene-d10	17.21	188	548067	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	564960	20.00	ng		-0.02
86) Perylene-d12	24.53	264	590207	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	663016	155.68	ng		0.00
7) Phenol-d6	7.00	99	930877	149.86	ng		0.00
23) Nitrobenzene-d5	8.98	82	586642	103.58	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	450252	170.63	ng		-0.01
44) 2-Fluorobiphenyl	13.08	172	1403045	91.13	ng		-0.02
78) Terphenyl-d14	19.85	244	2141649	85.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	55424	30.798	ng	#	89
3) Pyridine	3.81	79	13516	2.596	ng		84
4) n-Nitrosodimethylamine	3.71	42	98698	41.607	ng	#	93
6) Aniline	7.16	93	196769	23.697	ng		98
8) 2-Chlorophenol	7.40	128	235180	49.283	ng		93
9) Benzaldehyde	6.97	77	110652	31.831	ng		96
10) Phenol	7.03	94	310461	48.787	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	209051	42.953	ng		93
12) 1,3-Dichlorobenzene	7.72	146	225632	41.073	ng		97
13) 1,4-Dichlorobenzene	7.86	146	228963	41.151	ng		97
14) 1,2-Dichlorobenzene	8.18	146	223952	41.389	ng		96
15) Benzyl Alcohol	8.07	79	240477	44.396	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	362755	38.214	ng		97
17) 2-Methylphenol	8.27	107	216605	45.933	ng		97
18) Hexachloroethane	8.90	117	83292	40.966	ng		98
19) n-Nitroso-di-n-propylamine	8.64	70	206203	38.943	ng	#	96
20) 3+4-Methylphenols	8.60	107	303958	44.360	ng		94
22) Acetophenone	8.64	105	365701	41.687	ng	#	95
24) Nitrobenzene	9.02	77	280306	45.417	ng		92
25) Isophorone	9.55	82	565730	44.428	ng		95
26) 2-Nitrophenol	9.73	139	144899	59.419	ng		91
27) 2,4-Dimethylphenol	9.79	122	248301	54.437	ng		93
28) bis(2-Chloroethoxy)methane	10.03	93	327498	48.664	ng		96
29) 2,4-Dichlorophenol	10.26	162	273697	53.827	ng		95
30) 1,2,4-Trichlorobenzene	10.48	180	261728	45.957	ng		99
31) Naphthalene	10.66	128	732603	44.199	ng		98
32) Benzoic acid	9.93	122	176656	39.827	ng		87
33) 4-Chloroaniline	10.77	127	160054	20.544	ng		94
34) Hexachlorobutadiene	10.95	225	158193	46.433	ng	#	61
35) Caprolactam	11.56	113	97822m	45.249	ng		
36) 4-Chloro-3-methylphenol	11.90	107	296938	47.847	ng		90
37) 2-Methylnaphthalene	12.27	142	583019	45.942	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	344681	45.893	ng		98
40) Hexachlorocyclopentadiene	12.63	237	413491	100.127	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	241729	52.788	ng		97
43) 2,4,5-Trichlorophenol	12.95	196	265750	50.480	ng		98
45) 1,1'-Biphenyl	13.30	154	788790	43.081	ng		100
46) 2-Chloronaphthalene	13.33	162	608498	43.831	ng		99
47) 2-Nitroaniline	13.54	65	206264	47.585	ng	#	88
48) Acenaphthylene	14.18	152	967544	41.927	ng		99
49) Dimethylphthalate	13.93	163	943633	47.428	ng		99
50) 2,6-Dinitrotoluene	14.04	165	189348	50.218	ng	#	81
51) Acenaphthene	14.53	154	596892	41.174	ng		97
52) 3-Nitroaniline	14.37	138	144532	35.302	ng	#	87
53) 2,4-Dinitrophenol	14.57	184	195270	144.813	ng	#	55
54) Dibenzofuran	14.86	168	944928	43.966	ng		95
55) 4-Nitrophenol	14.68	139	344978	107.436	ng	#	84
56) 2,4-Dinitrotoluene	14.83	165	269356	53.722	ng	#	79
57) Fluorene	15.51	166	787440	42.339	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	258873	53.705	ng		97
59) Diethylphthalate	15.30	149	845352	40.197	ng		99
60) 4-Chlorophenyl-phenylether	15.51	204	435197	44.738	ng		95
61) 4-Nitroaniline	15.54	138	209272	48.141	ng		91
62) Azobenzene	15.80	77	723941	38.617	ng		98
64) 4,6-Dinitro-2-methylphenol	15.59	198	144029	53.686	ng		86
65) n-Nitrosodiphenylamine	15.73	169	682742	42.848	ng		98
66) 4-Bromophenyl-phenylether	16.41	248	283070	47.030	ng		100
67) Hexachlorobenzene	16.52	284	292561	45.578	ng	#	71
68) Atrazine	16.69	200	305491	48.939	ng		99
69) Pentachlorophenol	16.86	266	409633	92.906	ng	#	57
70) Phenanthrene	17.26	178	1269457	43.176	ng		97
71) Anthracene	17.35	178	1297828	44.139	ng		98
72) Carbazole	17.61	167	1218461	42.955	ng		96
73) Di-n-butylphthalate	18.20	149	1414042	40.071	ng		98
74) Fluoranthene	19.28	202	1569568	44.132	ng		96
76) Benzidine	19.46	184	34247	2.245	ng		97
77) Pyrene	19.64	202	1556513	42.005	ng		94
79) Butylbenzylphthalate	20.55	149	670178	41.183	ng		93
80) Benzo(a)anthracene	21.45	228	1537267	43.151	ng		96
81) 3,3'-Dichlorobenzidine	21.38	252	454682	34.230	ng		97
82) Chrysene	21.52	228	1447385	42.546	ng		95
83) Bis(2-ethylhexyl)phthalate	21.39	149	922385	40.136	ng		99
84) Di-n-octyl phthalate	22.56	149	1583359	43.406	ng		99
85) Indeno(1,2,3-cd)pyrene	28.00	276	1786759	46.141	ng		95
87) Benzo(b)fluoranthene	23.57	252	1561664	43.373	ng		98
88) Benzo(k)fluoranthene	23.63	252	1544472	43.183	ng		97
89) Benzo(a)pyrene	24.39	252	1528632	44.330	ng		99
90) Dibenzo(a,h)anthracene	28.07	278	1490022	44.656	ng		98
91) Benzo(g,h,i)perylene	29.08	276	1424655	43.392	ng		98

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

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