Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
Data File : BG036067.D
Acq On : 2 Aug 2018 19:26
Operator : JU/SJ
Sample : J3826-06MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-073118MSD

Manual Integrations APPROVED
Sohil
8/3/2018 12:58:35 PM

Quant Time: Aug 03 01:27:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31482	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	118562	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	87819	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	243401	20.00	ng		0.00
75) Chrysene-d12	21.66	240	271242	20.00	ng		0.00
86) Perylene-d12	24.85	264	262397	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	264167	139.31	ng		0.00
7) Phenol-d6	7.19	99	362605	128.17	ng		0.00
23) Nitrobenzene-d5	9.19	82	285199	100.49	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	202036	174.54	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	640823	97.76	ng		0.00
78) Terphenyl-d14	20.00	244	1281259	104.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	31517	32.656	ng	#	74
3) Pyridine	3.93	79	59807	23.737	ng	#	77
4) n-Nitrosodimethylamine	3.83	42	40346	37.294	ng	#	75
6) Aniline	7.35	93	80235	21.880	ng		98
8) 2-Chlorophenol	7.59	128	94709	49.108	ng		91
9) Benzaldehyde	7.16	77	35148	20.247	ng		88
10) Phenol	7.22	94	118492	41.455	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	97394	43.509	ng		86
12) 1,3-Dichlorobenzene	7.91	146	96790	41.560	ng		96
13) 1,4-Dichlorobenzene	8.06	146	98239	41.516	ng		99
14) 1,2-Dichlorobenzene	8.37	146	95933	42.201	ng		93
15) Benzyl Alcohol	8.26	79	108773	42.338	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.54	45	106549	56.776	ng		76
17) 2-Methylphenol	8.47	107	93514	48.120	ng	#	91
18) Hexachloroethane	9.10	117	37221	41.139	ng		87
19) n-Nitroso-di-n-propylamine	8.83	70	93975	39.446	ng	#	82
20) 3+4-Methylphenols	8.79	107	125677	46.617	ng		95
22) Acetophenone	8.84	105	172254	46.720	ng	#	90
24) Nitrobenzene	9.23	77	136866	47.951	ng		94
25) Isophorone	9.74	82	267091	50.696	ng		99
26) 2-Nitrophenol	9.94	139	58464	57.674	ng	#	93
27) 2,4-Dimethylphenol	10.00	122	101812	59.334	ng		92
28) bis(2-Chloroethoxy)methane	10.22	93	136273	46.941	ng		99
29) 2,4-Dichlorophenol	10.48	162	112559	57.465	ng		94
30) 1,2,4-Trichlorobenzene	10.68	180	118552	49.359	ng		97
31) Naphthalene	10.88	128	426240	69.015	ng		99
32) Benzoic acid	10.18	122	37865m	32.780	ng		
33) 4-Chloroaniline	11.00	127	22748	8.451	ng		94
34) Hexachlorobutadiene	11.15	225	90014	48.061	ng		93
35) Caprolactam	11.78	113	30619m	36.427	ng		
36) 4-Chloro-3-methylphenol	12.11	107	136865	52.129	ng		93
37) 2-Methylnaphthalene	12.47	142	244082	53.047	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	162997	49.176	ng		98
40) Hexachlorocyclopentadiene	12.82	237	185215	106.549	ng		91

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Quant Time: Aug 03 01:27:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	108260	55.851	ng		97
43) 2,4,5-Trichlorophenol	13.16	196	116734	53.833	ng		98
45) 1,1'-Biphenyl	13.48	154	334199	49.085	ng		99
46) 2-Chloronaphthalene	13.53	162	265021	50.042	ng		98
47) 2-Nitroaniline	13.73	65	95901	51.221	ng		96
48) Acenaphthylene	14.37	152	445616	50.231	ng		97
49) Dimethylphthalate	14.10	163	381504	49.583	ng		98
50) 2,6-Dinitrotoluene	14.22	165	86414	55.152	ng		91
51) Acenaphthene	14.71	154	263006	47.592	ng		98
52) 3-Nitroaniline	14.55	138	47215	29.483	ng	#	90
53) 2,4-Dinitrophenol	14.77	184	64168	79.669	ng	#	74
54) Dibenzofuran	15.04	168	446045	50.751	ng		93
55) 4-Nitrophenol	14.88	139	98454	86.328	ng	#	85
56) 2,4-Dinitrotoluene	15.01	165	130200	57.922	ng	#	84
57) Fluorene	15.69	166	375676	50.999	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	124459	59.862	ng		90
59) Diethylphthalate	15.46	149	383919	48.526	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	213651	49.347	ng		98
61) 4-Nitroaniline	15.72	138	81384	48.583	ng	#	84
62) Azobenzene	15.98	77	381716	48.913	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	69951	51.627	ng		90
65) n-Nitrosodiphenylamine	15.90	169	331553	47.856	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	149503	52.943	ng		98
67) Hexachlorobenzene	16.70	284	155028	53.310	ng		94
68) Atrazine	16.85	200	137608	48.241	ng		98
69) Pentachlorophenol	17.05	266	146720	82.833	ng		97
70) Phenanthrene	17.43	178	614551	50.600	ng		96
71) Anthracene	17.52	178	630388	52.127	ng		98
72) Carbazole	17.80	167	567757	49.435	ng		99
73) Di-n-butylphthalate	18.34	149	664902	48.991	ng	#	98
74) Fluoranthene	19.44	202	821006	50.185	ng		96
76) Benzidine	19.63	184	49018	6.874	ng		99
77) Pyrene	19.80	202	826628	48.197	ng		98
79) Butylbenzylphthalate	20.68	149	320290	52.222	ng	#	93
80) Benzo(a)anthracene	21.63	228	861323	50.957	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	197412	33.495	ng	#	98
82) Chrysene	21.70	228	803664	51.308	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	430980	51.688	ng		97
84) Di-n-octyl phthalate	22.73	149	737390	52.817	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	894133	51.559	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	829964	52.041	ng	#	97
88) Benzo(k)fluoranthene	23.90	252	782540	50.189	ng	#	98
89) Benzo(a)pyrene	24.71	252	784024	52.842	ng	#	97
90) Dibenzo(a,h)anthracene	28.55	278	737187	50.609	ng	#	96
91) Benzo(g,h,i)perylene	29.63	276	732765	51.408	ng	#	93

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

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