Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
Data File : BG035564.D
Acq On : 2 Jul 2018 23:34
Operator : JU/SJ
Sample : PB110755BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110755BS

Manual Integrations APPROVED
Sohil
7/3/2018 12:12:05 PM

Quant Time: Jul 03 05:29:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	33192	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	127233	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	101120	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	278614	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	297539	20.00	ng		-0.02
86) Perylene-d12	24.92	264	290758	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	306900	156.04	ng		0.00
7) Phenol-d6	7.23	99	446896	153.95	ng		0.00
23) Nitrobenzene-d5	9.23	82	289144	108.02	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	236473	182.68	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	709827	91.26	ng		-0.02
78) Terphenyl-d14	20.03	244	1371633	96.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	31264	33.316	ng	#	72
3) Pyridine	3.95	79	91993	36.333	ng	#	73
4) n-Nitrosodimethylamine	3.86	42	40369	37.112	ng	#	76
6) Aniline	7.39	93	119588	31.870	ng		97
8) 2-Chlorophenol	7.63	128	98852	47.949	ng		98
9) Benzaldehyde	7.20	77	53833	24.075	ng		96
10) Phenol	7.25	94	147671	49.156	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	95603	41.001	ng		85
12) 1,3-Dichlorobenzene	7.95	146	103550	42.096	ng		96
13) 1,4-Dichlorobenzene	8.10	146	107206	42.219	ng		96
14) 1,2-Dichlorobenzene	8.42	146	103680	43.469	ng		98
15) Benzyl Alcohol	8.30	79	118989	43.259	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.59	45	107684	46.400	ng		78
17) 2-Methylphenol	8.50	107	97727	49.342	ng	#	90
18) Hexachloroethane	9.15	117	40043	44.048	ng		88
19) n-Nitroso-di-n-propylamine	8.87	70	93757	38.016	ng	#	82
20) 3+4-Methylphenols	8.83	107	139812	49.248	ng		95
22) Acetophenone	8.89	105	171169	43.430	ng	#	86
24) Nitrobenzene	9.27	77	136211	49.695	ng		94
25) Isophorone	9.79	82	270957	47.946	ng		99
26) 2-Nitrophenol	9.98	139	55526	58.772	ng	#	91
27) 2,4-Dimethylphenol	10.03	122	104661	52.703	ng		83
28) bis(2-Chloroethoxy)methane	10.27	93	139493	45.933	ng		97
29) 2,4-Dichlorophenol	10.51	162	120891	55.947	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	123844	47.798	ng		97
31) Naphthalene	10.92	128	308579	46.686	ng		99
32) Benzoic acid	10.16	122	20356	15.304	ng		90
33) 4-Chloroaniline	11.03	127	71297	24.843	ng		97
34) Hexachlorobutadiene	11.20	225	94423	46.859	ng		98
35) Caprolactam	11.80	113	46357m	58.050	ng		
36) 4-Chloro-3-methylphenol	12.14	107	149270	55.418	ng		92
37) 2-Methylnaphthalene	12.52	142	251972	50.282	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	173963	46.187	ng		97
40) Hexachlorocyclopentadiene	12.86	237	211450	89.523	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	117804	52.234	ng		97
43) 2,4,5-Trichlorophenol	13.20	196	131992	53.322	ng		98
45) 1,1'-Biphenyl	13.52	154	356378	43.829	ng		100
46) 2-Chloronaphthalene	13.56	162	283126	46.055	ng		99
47) 2-Nitroaniline	13.77	65	99876	55.018	ng		100
48) Acenaphthylene	14.41	152	480690	46.632	ng		98
49) Dimethylphthalate	14.14	163	411128	46.624	ng		99
50) 2,6-Dinitrotoluene	14.26	165	90192	56.065	ng		93
51) Acenaphthene	14.75	154	291323	43.254	ng		98
52) 3-Nitroaniline	14.58	138	61425	38.912	ng	#	94
53) 2,4-Dinitrophenol	14.79	184	20314	31.202	ng	#	78
54) Dibenzofuran	15.08	168	477235	47.311	ng		94
55) 4-Nitrophenol	14.90	139	134739	101.137	ng	#	88
56) 2,4-Dinitrotoluene	15.04	165	135019	63.182	ng	#	86
57) Fluorene	15.73	166	403168	47.825	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	138710	57.682	ng	#	92
59) Diethylphthalate	15.50	149	413484	45.960	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	231142	48.084	ng		98
61) 4-Nitroaniline	15.75	138	93497	55.229	ng	#	80
62) Azobenzene	16.01	77	419815	47.619	ng		95
64) 4,6-Dinitro-2-methylphenol	15.81	198	30242	23.774	ng		83
65) n-Nitrosodiphenylamine	15.94	169	362805	43.361	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	162747	48.506	ng		99
67) Hexachlorobenzene	16.73	284	170439	49.909	ng		96
68) Atrazine	16.88	200	167288	46.884	ng		98
69) Pentachlorophenol	17.08	266	129959	56.593	ng		96
70) Phenanthrene	17.47	178	671855	47.471	ng		98
71) Anthracene	17.56	178	676629	47.728	ng		98
72) Carbazole	17.83	167	613848	46.667	ng		99
73) Di-n-butylphthalate	18.38	149	696146	44.402	ng	#	98
74) Fluoranthene	19.47	202	873919	47.452	ng		97
76) Benzidine	19.65	184	351650	31.767	ng		98
77) Pyrene	19.84	202	875706	44.645	ng		97
79) Butylbenzylphthalate	20.72	149	316541	44.442	ng		93
80) Benzo(a)anthracene	21.68	228	891070	46.865	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	207968	29.073	ng		95
82) Chrysene	21.74	228	825830	47.438	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	421280	41.859	ng	#	99
84) Di-n-octyl phthalate	22.79	149	723223	41.887	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	982931	48.210	ng	#	86
87) Benzo(b)fluoranthene	23.90	252	872326	48.718	ng	#	97
88) Benzo(k)fluoranthene	23.97	252	827950	47.270	ng	#	95
89) Benzo(a)pyrene	24.77	252	834637	49.537	ng	#	95
90) Dibenzo(a,h)anthracene	28.67	278	803302	48.297	ng	#	95
91) Benzo(g,h,i)perylene	29.75	276	805060	49.459	ng	#	91

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

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