Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033274.D
Acq On : 20 Mar 2018 19:12
Operator : SJ/JU
Sample : PB107498BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107498BSD

Manual Integrations APPROVED
Sohil
3/22/2018 12:59:41 PM

Quant Time: Mar 21 03:32:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 16:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	42467	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	180003	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	126860	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	328799	20.00	ng		0.00
75) Chrysene-d12	22.60	240	325152	20.00	ng		0.00
86) Perylene-d12	26.39	264	350155	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	358237	158.18	ng		0.00
7) Phenol-d6	8.00	99	529088	135.97	ng		0.00
23) Nitrobenzene-d5	10.09	82	335738	85.69	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	250270	131.91	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	796961	90.69	ng		0.00
78) Terphenyl-d14	20.76	244	1370835	90.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.94	88	38112	33.137	ng		87
3) Pyridine	4.41	79	98545	30.995	ng		98
4) n-Nitrosodimethylamine	4.31	42	58313	44.693	ng	#	85
6) Aniline	8.19	93	89708	19.603	ng	#	94
8) 2-Chlorophenol	8.44	128	124995	48.277	ng		94
9) Benzaldehyde	8.00	77	43102m	17.429	ng		
10) Phenol	8.03	94	180440	46.966	ng		88
11) bis(2-Chloroethyl)ether	8.27	93	126057	40.198	ng		95
12) 1,3-Dichlorobenzene	8.78	146	131381m	38.813	ng		
13) 1,4-Dichlorobenzene	8.93	146	129719	38.265	ng		95
14) 1,2-Dichlorobenzene	9.26	146	122162	36.922	ng		96
15) Benzyl Alcohol	9.13	79	136251	44.472	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	9.41	45	201509	39.417	ng		86
17) 2-Methylphenol	9.33	107	112416	42.952	ng	#	90
18) Hexachloroethane	10.01	117	52637	40.230	ng		95
19) n-Nitroso-di-n-propylamine	9.70	70	112398	39.418	ng		98
20) 3+4-Methylphenols	9.66	107	156361	41.960	ng		94
22) Acetophenone	9.74	105	202752	41.114	ng	#	98
24) Nitrobenzene	10.14	77	170857	40.743	ng		91
25) Isophorone	10.66	82	317954	41.814	ng		98
26) 2-Nitrophenol	10.86	139	72346	45.568	ng	#	91
27) 2,4-Dimethylphenol	10.89	122	119870	51.973	ng		87
28) bis(2-Chloroethoxy)methane	11.14	93	173464	45.721	ng		95
29) 2,4-Dichlorophenol	11.41	162	138041	48.667	ng		96
30) 1,2,4-Trichlorobenzene	11.63	180	146551	39.768	ng		97
31) Naphthalene	11.83	128	376744	40.389	ng		100
32) Benzoic acid	11.02	122	79765	37.203	ng		93
33) 4-Chloroaniline	11.93	127	67937	16.256	ng	#	86
34) Hexachlorobutadiene	12.09	225	105373	37.811	ng		94
35) Caprolactam	12.67	113	45288	40.756	ng		95
36) 4-Chloro-3-methylphenol	12.99	107	169003	45.684	ng		90
37) 2-Methylnaphthalene	13.38	142	294460	40.672	ng		88
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	195190	42.477	ng		98
40) Hexachlorocyclopentadiene	13.70	237	275052	102.105	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	122285	45.802	ng		96
43) 2,4,5-Trichlorophenol	14.04	196	145398	46.074	ng		99
45) 1,1'-Biphenyl	14.35	154	409552	42.021	ng		97
46) 2-Chloronaphthalene	14.41	162	321027	42.719	ng		96
47) 2-Nitroaniline	14.60	65	123135	43.746	ng		92
48) Acenaphthylene	15.24	152	515241	41.075	ng		99
49) Dimethylphthalate	14.94	163	453836	41.107	ng		99
50) 2,6-Dinitrotoluene	15.07	165	100758	44.634	ng		92
51) Acenaphthene	15.58	154	382262	47.273	ng		97
52) 3-Nitroaniline	15.41	138	54755	23.136	ng		94
53) 2,4-Dinitrophenol	15.60	184	110349	93.019	ng	#	85
54) Dibenzofuran	15.91	168	512554	42.912	ng		94
55) 4-Nitrophenol	15.69	139	157757	94.795	ng	#	86
56) 2,4-Dinitrotoluene	15.85	165	141103	42.452	ng		89
57) Fluorene	16.55	166	420301	41.304	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.12	232	141875	47.756	ng		96
59) Diethylphthalate	16.28	149	445777	41.582	ng		99
60) 4-Chlorophenyl-phenylether	16.52	204	246674	42.170	ng		96
61) 4-Nitroaniline	16.56	138	86318	36.016	ng	#	84
62) Azobenzene	16.82	77	444163	42.771	ng		99
64) 4,6-Dinitro-2-methylphenol	16.60	198	79294	40.313	ng		94
65) n-Nitrosodiphenylamine	16.73	169	391333	41.690	ng		97
66) 4-Bromophenyl-phenylether	17.42	248	160937	41.678	ng		93
67) Hexachlorobenzene	17.54	284	165565	40.627	ng		95
68) Atrazine	17.65	200	165087	43.402	ng		96
69) Pentachlorophenol	17.88	266	219458	78.461	ng		96
70) Phenanthrene	18.28	178	707306	41.305	ng		98
71) Anthracene	18.37	178	734497	42.363	ng		99
72) Carbazole	18.63	167	628854	40.930	ng		98
73) Di-n-butylphthalate	19.13	149	745326	41.677	ng	#	99
74) Fluoranthene	20.24	202	890775	42.036	ng		96
76) Benzidine	20.39	184	248246	28.153	ng		98
77) Pyrene	20.59	202	891524	41.111	ng		97
79) Butylbenzylphthalate	21.45	149	334207	41.763	ng		95
80) Benzo(a)anthracene	22.57	228	874703	42.247	ng		100
81) 3,3'-Dichlorobenzidine	22.46	252	168121	22.819	ng	#	98
82) Chrysene	22.65	228	824467	41.137	ng		98
83) Bis(2-ethylhexyl)phthalate	22.40	149	452278	40.999	ng		99
84) Di-n-octyl phthalate	23.80	149	774367	45.846	ng		98
85) Indeno(1,2,3-cd)pyrene	30.81	276	959544	44.282	ng	#	89
87) Benzo(b)fluoranthene	25.18	252	857255	42.375	ng	#	97
88) Benzo(k)fluoranthene	25.25	252	832900	40.708	ng	#	97
89) Benzo(a)pyrene	26.22	252	830639	42.756	ng	#	96
90) Dibenzo(a,h)anthracene	30.88	278	785622	42.930	ng		96
91) Benzo(g,h,i)perylene	32.20	276	796930	43.977	ng	#	95

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

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