Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033273.D
Acq On : 20 Mar 2018 18:34
Operator : SJ/JU
Sample : PB107498BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107498BS

Manual Integrations APPROVED
Sohil
3/22/2018 12:59:39 PM

Quant Time: Mar 21 03:33:30 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	8.89	152	43616	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	183228	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	134901	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	331548	20.00	ng		0.00
75) Chrysene-d12	22.60	240	333391	20.00	ng		0.00
86) Perylene-d12	26.39	264	357377	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	424417	182.46	ng		0.00
7) Phenol-d6	8.00	99	633887	158.61	ng		0.00
23) Nitrobenzene-d5	10.09	82	401580	100.70	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	298684	148.04	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	936082	100.17	ng		0.00
78) Terphenyl-d14	20.76	244	1578263	101.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.94	88	41943	35.507	ng		85
3) Pyridine	4.40	79	121422	37.184	ng		89
4) n-Nitrosodimethylamine	4.31	42	64072	47.813	ng	#	90
6) Aniline	8.18	93	104439	22.221	ng		92
8) 2-Chlorophenol	8.44	128	134839	50.707	ng		96
9) Benzaldehyde	8.00	77	48936m	19.267	ng		
10) Phenol	8.03	94	201967	51.184	ng		95
11) bis(2-Chloroethyl)ether	8.27	93	138542	43.015	ng		95
12) 1,3-Dichlorobenzene	8.78	146	138691	39.893	ng		96
13) 1,4-Dichlorobenzene	8.93	146	142859	41.031	ng		93
14) 1,2-Dichlorobenzene	9.26	146	139113	40.938	ng		95
15) Benzyl Alcohol	9.13	79	152045	48.319	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.41	45	225490	42.946	ng		90
17) 2-Methylphenol	9.32	107	125151	46.558	ng	#	90
18) Hexachloroethane	10.01	117	55783	41.512	ng		94
19) n-Nitroso-di-n-propylamine	9.70	70	121462	41.475	ng		98
20) 3+4-Methylphenols	9.67	107	174637	45.630	ng		90
22) Acetophenone	9.74	105	224120	44.647	ng	#	96
24) Nitrobenzene	10.14	77	191737	44.917	ng		93
25) Isophorone	10.66	82	350078	45.228	ng		99
26) 2-Nitrophenol	10.86	139	78939	48.845	ng	#	90
27) 2,4-Dimethylphenol	10.89	122	128084	54.557	ng		86
28) bis(2-Chloroethoxy)methane	11.14	93	188072	48.698	ng		98
29) 2,4-Dichlorophenol	11.40	162	152254	52.734	ng		95
30) 1,2,4-Trichlorobenzene	11.63	180	162008	43.188	ng		100
31) Naphthalene	11.83	128	419641	44.196	ng		100
32) Benzoic acid	11.03	122	94257	43.189	ng		91
33) 4-Chloroaniline	11.93	127	84969	19.974	ng		93
34) Hexachlorobutadiene	12.09	225	120299	42.407	ng		97
35) Caprolactam	12.67	113	50095	44.288	ng		99
36) 4-Chloro-3-methylphenol	12.98	107	182670	48.509	ng		89
37) 2-Methylnaphthalene	13.38	142	319522	43.356	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	211969	43.379	ng		98
40) Hexachlorocyclopentadiene	13.70	237	299647	104.605	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	140372	49.443	ng		96
43) 2,4,5-Trichlorophenol	14.04	196	156434	46.617	ng		97
45) 1,1'-Biphenyl	14.35	154	442805	42.725	ng		95
46) 2-Chloronaphthalene	14.41	162	345477	43.232	ng		95
47) 2-Nitroaniline	14.60	65	137500	45.938	ng		96
48) Acenaphthylene	15.24	152	565494	42.394	ng		98
49) Dimethylphthalate	14.94	163	492735	41.970	ng		99
50) 2,6-Dinitrotoluene	15.07	165	108792	45.320	ng		96
51) Acenaphthene	15.58	154	424338	49.348	ng		97
52) 3-Nitroaniline	15.41	138	59961	23.825	ng	#	92
53) 2,4-Dinitrophenol	15.61	184	123747	97.678	ng	#	73
54) Dibenzofuran	15.90	168	559620	44.059	ng		93
55) 4-Nitrophenol	15.69	139	173012	97.765	ng	#	81
56) 2,4-Dinitrotoluene	15.85	165	158206	44.760	ng		93
57) Fluorene	16.55	166	465141	42.986	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.12	232	158048	50.028	ng		96
59) Diethylphthalate	16.27	149	485316	42.572	ng		98
60) 4-Chlorophenyl-phenylether	16.52	204	268501	43.166	ng		99
61) 4-Nitroaniline	16.56	138	97541	38.273	ng		88
62) Azobenzene	16.82	77	486696	44.073	ng		99
64) 4,6-Dinitro-2-methylphenol	16.60	198	87727	44.230	ng		98
65) n-Nitrosodiphenylamine	16.73	169	425972	45.004	ng		99
66) 4-Bromophenyl-phenylether	17.41	248	181272	46.555	ng		96
67) Hexachlorobenzene	17.54	284	181777	44.235	ng		95
68) Atrazine	17.65	200	176691	46.067	ng		98
69) Pentachlorophenol	17.88	266	241410	85.593	ng		96
70) Phenanthrene	18.28	178	773814	44.815	ng		99
71) Anthracene	18.38	178	798249	45.658	ng		99
72) Carbazole	18.63	167	689559	44.509	ng	#	96
73) Di-n-butylphthalate	19.12	149	811973	45.028	ng		99
74) Fluoranthene	20.24	202	977255	45.735	ng		98
76) Benzidine	20.40	184	298070	32.968	ng		97
77) Pyrene	20.59	202	971673	43.700	ng		98
79) Butylbenzylphthalate	21.45	149	367662	44.808	ng		98
80) Benzo(a)anthracene	22.58	228	950598	44.778	ng		99
81) 3,3'-Dichlorobenzidine	22.46	252	196662	26.033	ng	#	99
82) Chrysene	22.66	228	904864	44.033	ng		98
83) Bis(2-ethylhexyl)phthalate	22.40	149	496747	43.917	ng		98
84) Di-n-octyl phthalate	23.81	149	845759	48.835	ng		99
85) Indeno(1,2,3-cd)pyrene	30.81	276	1059109	47.669	ng	#	82
87) Benzo(b)fluoranthene	25.18	252	924281	44.765	ng	#	96
88) Benzo(k)fluoranthene	25.26	252	922202	44.162	ng	#	97
89) Benzo(a)pyrene	26.22	252	918000	46.297	ng	#	97
90) Dibenzo(a,h)anthracene	30.89	278	878689	47.045	ng	#	96
91) Benzo(g,h,i)perylene	32.21	276	875720	47.349	ng	#	95

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

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