Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035790.D
Acq On : 20 Jul 2018 18:48
Operator : JU/SJ
Sample : PB111092BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111092BS

Manual Integrations APPROVED
Sohil
7/23/2018 2:19:02 PM

Quant Time: Jul 21 00:53:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	40341	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	148282	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	102812	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	267426	20.00	ng		0.00
75) Chrysene-d12	21.66	240	290334	20.00	ng		0.00
86) Perylene-d12	24.86	264	283290	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	357555	147.15	ng		0.00
7) Phenol-d6	7.20	99	511535	141.10	ng		0.00
23) Nitrobenzene-d5	9.19	82	325897	91.81	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	207290	152.97	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	739514	96.37	ng		0.00
78) Terphenyl-d14	20.00	244	1303690	98.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	39377	31.840	ng	#	82
3) Pyridine	3.92	79	116995	36.238	ng	#	70
4) n-Nitrosodimethylamine	3.83	42	49208	35.497	ng	#	86
6) Aniline	7.36	93	128059	27.253	ng		94
8) 2-Chlorophenol	7.60	128	116661	47.207	ng		95
9) Benzaldehyde	7.17	77	75236	33.823	ng		94
10) Phenol	7.23	94	165463	45.176	ng		100
11) bis(2-Chloroethyl)ether	7.45	93	116986	40.785	ng		86
12) 1,3-Dichlorobenzene	7.92	146	126882	42.516	ng		95
13) 1,4-Dichlorobenzene	8.06	146	130257	42.958	ng		98
14) 1,2-Dichlorobenzene	8.38	146	124359	42.692	ng		97
15) Benzyl Alcohol	8.27	79	126938	38.558	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.56	45	128183	53.304	ng		77
17) 2-Methylphenol	8.47	107	110723	44.463	ng	#	89
18) Hexachloroethane	9.11	117	48255	41.622	ng	#	81
19) n-Nitroso-di-n-propylamine	8.83	70	106794	34.982	ng	#	85
20) 3+4-Methylphenols	8.80	107	148761	43.062	ng		92
22) Acetophenone	8.85	105	194649	42.213	ng	#	91
24) Nitrobenzene	9.23	77	154639	43.319	ng		92
25) Isophorone	9.76	82	294773	44.736	ng		98
26) 2-Nitrophenol	9.94	139	65374	51.565	ng	#	84
27) 2,4-Dimethylphenol	10.00	122	115773	53.947	ng		92
28) bis(2-Chloroethoxy)methane	10.23	93	158602	43.682	ng		95
29) 2,4-Dichlorophenol	10.48	162	128488	52.450	ng		90
30) 1,2,4-Trichlorobenzene	10.70	180	137224	45.681	ng		93
31) Naphthalene	10.88	128	342564	44.350	ng		100
32) Benzoic acid	10.17	122	54070m	37.427	ng		
33) 4-Chloroaniline	10.99	127	57771	17.160	ng		96
34) Hexachlorobutadiene	11.16	225	109501	46.747	ng		98
35) Caprolactam	11.76	113	44736m	42.554	ng		
36) 4-Chloro-3-methylphenol	12.12	107	153360	46.704	ng		94
37) 2-Methylnaphthalene	12.48	142	270332	46.977	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	178976	46.122	ng		99
40) Hexachlorocyclopentadiene	12.83	237	247321	121.528	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	113697	50.102	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	124977	49.229	ng		97
45) 1,1'-Biphenyl	13.49	154	369911	46.407	ng		96
46) 2-Chloronaphthalene	13.53	162	293575	47.350	ng		99
47) 2-Nitroaniline	13.74	65	96686	44.109	ng		96
48) Acenaphthylene	14.38	152	480982	46.311	ng		98
49) Dimethylphthalate	14.11	163	399331	44.331	ng		99
50) 2,6-Dinitrotoluene	14.23	165	92118	50.219	ng		89
51) Acenaphthene	14.71	154	280803	43.402	ng		99
52) 3-Nitroaniline	14.56	138	46689	24.903	ng	#	95
53) 2,4-Dinitrophenol	14.77	184	63831	68.683	ng	#	67
54) Dibenzofuran	15.05	168	472940	45.964	ng		97
55) 4-Nitrophenol	14.88	139	124109	92.953	ng		90
56) 2,4-Dinitrotoluene	15.01	165	129538	49.224	ng	#	86
57) Fluorene	15.70	166	389884	45.209	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	122042	50.139	ng		92
59) Diethylphthalate	15.47	149	395787	42.731	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	226898	44.764	ng		98
61) 4-Nitroaniline	15.72	138	84844	43.263	ng	#	81
62) Azobenzene	15.98	77	400548	43.841	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	56867	38.200	ng		86
65) n-Nitrosodiphenylamine	15.91	169	347574	45.662	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	152728	49.226	ng		91
67) Hexachlorobenzene	16.70	284	156101	48.857	ng		91
68) Atrazine	16.85	200	158828	50.678	ng		95
69) Pentachlorophenol	17.05	266	118560	60.922	ng		99
70) Phenanthrene	17.44	178	625191	46.852	ng		97
71) Anthracene	17.53	178	636550	47.907	ng		99
72) Carbazole	17.80	167	586967	46.516	ng		99
73) Di-n-butylphthalate	18.35	149	673337	45.155	ng	#	98
74) Fluoranthene	19.44	202	844627	46.991	ng		97
76) Benzidine	19.62	184	266848	34.960	ng		99
77) Pyrene	19.81	202	833371	45.395	ng		98
79) Butylbenzylphthalate	20.69	149	314508	47.907	ng		96
80) Benzo(a)anthracene	21.64	228	841279	46.498	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	180911	28.677	ng		97
82) Chrysene	21.71	228	791869	47.230	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	431214	48.315	ng		100
84) Di-n-octyl phthalate	22.74	149	735393	49.210	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.51	276	900522	48.513	ng	#	93
87) Benzo(b)fluoranthene	23.84	252	805107	46.759	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	773892	45.974	ng	#	96
89) Benzo(a)pyrene	24.71	252	785464	49.035	ng	#	94
90) Dibenzo(a,h)anthracene	28.56	278	739886	47.048	ng	#	96
91) Benzo(g,h,i)perylene	29.63	276	744577	48.385	ng	#	96

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

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