Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035785.D
Acq On : 20 Jul 2018 15:34
Operator : JU/SJ
Sample : PB111042BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111042BS

Manual Integrations APPROVED
Sohil
7/23/2018 2:18:55 PM

Quant Time: Jul 20 16:19:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48412	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	182310	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	128964	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	343149	20.00	ng		0.00
75) Chrysene-d12	21.66	240	356513	20.00	ng		-0.01
86) Perylene-d12	24.86	264	347567	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	284066	97.42	ng		0.00
7) Phenol-d6	7.20	99	409332	94.09	ng		0.00
23) Nitrobenzene-d5	9.19	82	391047	89.60	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	171055	100.63	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	888836	92.34	ng		-0.01
78) Terphenyl-d14	20.01	244	1520925	94.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	49287	33.209	ng	#	75
3) Pyridine	3.92	79	135912	35.079	ng	#	69
4) n-Nitrosodimethylamine	3.83	42	57286	34.435	ng	#	81
6) Aniline	7.36	93	178691	31.688	ng		98
8) 2-Chlorophenol	7.60	128	138763	46.789	ng		97
9) Benzaldehyde	7.17	77	83246	31.185	ng		97
10) Phenol	7.23	94	198722	45.211	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	137010	39.803	ng		88
12) 1,3-Dichlorobenzene	7.92	146	151888	42.411	ng		96
13) 1,4-Dichlorobenzene	8.06	146	153910	42.297	ng		96
14) 1,2-Dichlorobenzene	8.38	146	144527	41.344	ng		95
15) Benzyl Alcohol	8.27	79	157117	39.769	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	151875	52.627	ng		77
17) 2-Methylphenol	8.47	107	135079	45.201	ng		94
18) Hexachloroethane	9.11	117	57787	41.534	ng		93
19) n-Nitroso-di-n-propylamine	8.83	70	124749	34.051	ng	#	83
20) 3+4-Methylphenols	8.80	107	180670	43.579	ng		91
22) Acetophenone	8.85	105	226278	39.913	ng	#	91
24) Nitrobenzene	9.23	77	186130	42.409	ng	#	95
25) Isophorone	9.75	82	354398	43.746	ng		98
26) 2-Nitrophenol	9.94	139	78281	50.220	ng	#	89
27) 2,4-Dimethylphenol	10.00	122	139726	52.956	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	191168	42.824	ng		95
29) 2,4-Dichlorophenol	10.48	162	155610	51.665	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	170061	46.046	ng		97
31) Naphthalene	10.88	128	410135	43.187	ng		98
32) Benzoic acid	10.17	122	72116	40.601	ng		93
33) 4-Chloroaniline	10.99	127	92262	22.290	ng	#	95
34) Hexachlorobutadiene	11.16	225	127223	44.175	ng		95
35) Caprolactam	11.77	113	55123m	42.648	ng		
36) 4-Chloro-3-methylphenol	12.12	107	186025	46.078	ng		96
37) 2-Methylnaphthalene	12.48	142	317016	44.807	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	216114	44.399	ng		99
40) Hexachlorocyclopentadiene	12.83	237	304075	119.117	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	142387	50.021	ng		97
43) 2,4,5-Trichlorophenol	13.17	196	151502	47.576	ng		95
45) 1,1'-Biphenyl	13.49	154	440746	44.081	ng		95
46) 2-Chloronaphthalene	13.53	162	350520	45.070	ng		99
47) 2-Nitroaniline	13.74	65	117892	42.877	ng		89
48) Acenaphthylene	14.38	152	574069	44.065	ng		98
49) Dimethylphthalate	14.11	163	482729	42.723	ng		99
50) 2,6-Dinitrotoluene	14.23	165	109226	47.470	ng		97
51) Acenaphthene	14.72	154	334951	41.273	ng		99
52) 3-Nitroaniline	14.56	138	66526	28.288	ng	#	96
53) 2,4-Dinitrophenol	14.77	184	88805	75.460	ng	#	63
54) Dibenzofuran	15.05	168	569592	44.131	ng		95
55) 4-Nitrophenol	14.88	139	154937	92.511	ng	#	88
56) 2,4-Dinitrotoluene	15.01	165	158492	48.013	ng		86
57) Fluorene	15.70	166	467875	43.251	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	152518	49.953	ng	#	92
59) Diethylphthalate	15.46	149	484784	41.725	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	275105	43.269	ng		96
61) 4-Nitroaniline	15.72	138	98602	40.082	ng	#	84
62) Azobenzene	15.98	77	479902	41.875	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	75000	39.263	ng		82
65) n-Nitrosodiphenylamine	15.91	169	412693	42.253	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	181801	45.666	ng		99
67) Hexachlorobenzene	16.70	284	189568	46.238	ng		94
68) Atrazine	16.85	200	191240	47.555	ng		96
69) Pentachlorophenol	17.05	266	159669	63.940	ng		99
70) Phenanthrene	17.44	178	759578	44.361	ng		98
71) Anthracene	17.53	178	771343	45.242	ng		97
72) Carbazole	17.80	167	699130	43.179	ng		99
73) Di-n-butylphthalate	18.35	149	809844	42.325	ng	#	98
74) Fluoranthene	19.45	202	1003513	43.510	ng		97
76) Benzidine	19.62	184	390460	41.659	ng		99
77) Pyrene	19.81	202	996221	44.193	ng		96
79) Butylbenzylphthalate	20.69	149	377253	46.798	ng		97
80) Benzo(a)anthracene	21.64	228	998922	44.962	ng		100
81) 3,3'-Dichlorobenzidine	21.56	252	252249	32.563	ng		97
82) Chrysene	21.71	228	932845	45.310	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	516365	47.116	ng		99
84) Di-n-octyl phthalate	22.74	149	882929	48.116	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	1086648	47.673	ng	#	94
87) Benzo(b)fluoranthene	23.85	252	948037	44.877	ng	#	97
88) Benzo(k)fluoranthene	23.92	252	937500	45.394	ng	#	97
89) Benzo(a)pyrene	24.71	252	935599	47.606	ng	#	96
90) Dibenzo(a,h)anthracene	28.56	278	907118	47.015	ng	#	94
91) Benzo(g,h,i)perylene	29.66	276	896663	47.492	ng	#	95

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

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