Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035784.D
Acq On : 20 Jul 2018 14:55
Operator : JU/SJ
Sample : PB111100BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111100BS

Manual Integrations APPROVED
Sohil
7/23/2018 2:18:53 PM

Quant Time: Jul 20 15:41:13 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	46021	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	162048	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	113668	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	302348	20.00	ng		0.00
75) Chrysene-d12	21.66	240	328289	20.00	ng		-0.02
86) Perylene-d12	24.86	264	313940	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	384387	138.67	ng		0.00
7) Phenol-d6	7.20	99	552392	133.57	ng		0.00
23) Nitrobenzene-d5	9.19	82	355411	91.62	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	234304	156.39	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	808678	95.31	ng		-0.01
78) Terphenyl-d14	20.00	244	1436530	96.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	43992	31.182	ng	#	74
3) Pyridine	3.91	79	127132	34.517	ng	#	72
4) n-Nitrosodimethylamine	3.83	42	50485	31.923	ng	#	70
6) Aniline	7.35	93	98856	18.442	ng		100
8) 2-Chlorophenol	7.60	128	121632	43.144	ng		95
9) Benzaldehyde	7.17	77	66330	26.139	ng		92
10) Phenol	7.23	94	180923	43.300	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	124090	37.922	ng		87
12) 1,3-Dichlorobenzene	7.92	146	138186	40.589	ng		96
13) 1,4-Dichlorobenzene	8.06	146	139810	40.418	ng		91
14) 1,2-Dichlorobenzene	8.38	146	133166	40.073	ng		96
15) Benzyl Alcohol	8.27	79	140261	37.347	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	139321	50.785	ng		78
17) 2-Methylphenol	8.48	107	119400	42.030	ng		93
18) Hexachloroethane	9.11	117	51802	39.167	ng		87
19) n-Nitroso-di-n-propylamine	8.83	70	111137	31.912	ng	#	85
20) 3+4-Methylphenols	8.80	107	160252	40.663	ng		90
22) Acetophenone	8.85	105	208702	41.415	ng	#	89
24) Nitrobenzene	9.23	77	167091	42.831	ng	#	89
25) Isophorone	9.75	82	315300	43.786	ng		99
26) 2-Nitrophenol	9.94	139	69917	50.463	ng	#	92
27) 2,4-Dimethylphenol	10.00	122	123241	52.548	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	170483	42.966	ng		98
29) 2,4-Dichlorophenol	10.48	162	136033	50.812	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	147978	45.077	ng		96
31) Naphthalene	10.88	128	370718	43.917	ng		96
32) Benzoic acid	10.16	122	64045	40.565	ng		96
33) 4-Chloroaniline	11.00	127	41879	11.383	ng	#	92
34) Hexachlorobutadiene	11.17	225	115423	45.089	ng		96
35) Caprolactam	11.77	113	46495m	40.470	ng		
36) 4-Chloro-3-methylphenol	12.11	107	164585	45.865	ng		90
37) 2-Methylnaphthalene	12.48	142	284576	45.251	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	196658	45.839	ng		99
40) Hexachlorocyclopentadiene	12.83	237	264108	117.382	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	128178	51.089	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	137462	48.976	ng	#	95
45) 1,1'-Biphenyl	13.49	154	389990	44.254	ng		97
46) 2-Chloronaphthalene	13.53	162	310119	45.241	ng		99
47) 2-Nitroaniline	13.73	65	106352	43.885	ng		93
48) Acenaphthylene	14.37	152	514984	44.849	ng		97
49) Dimethylphthalate	14.11	163	432036	43.382	ng		99
50) 2,6-Dinitrotoluene	14.23	165	100211	49.413	ng		93
51) Acenaphthene	14.71	154	297748	41.626	ng		98
52) 3-Nitroaniline	14.56	138	35013	16.892	ng	#	93
53) 2,4-Dinitrophenol	14.77	184	75141	72.705	ng	#	60
54) Dibenzofuran	15.05	168	497753	43.755	ng		94
55) 4-Nitrophenol	14.88	139	140148	94.941	ng	#	89
56) 2,4-Dinitrotoluene	15.01	165	142603	49.013	ng	#	84
57) Fluorene	15.70	166	414962	43.522	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	131794	48.974	ng		95
59) Diethylphthalate	15.47	149	423805	41.386	ng		96
60) 4-Chlorophenyl-phenylether	15.69	204	243700	43.487	ng		97
61) 4-Nitroaniline	15.72	138	88006	40.589	ng	#	83
62) Azobenzene	15.98	77	425416	42.116	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	64450	38.293	ng		85
65) n-Nitrosodiphenylamine	15.91	169	367843	42.743	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	164989	47.036	ng		96
67) Hexachlorobenzene	16.71	284	168210	46.566	ng	#	92
68) Atrazine	16.85	200	172355	48.642	ng		97
69) Pentachlorophenol	17.05	266	137657	62.564	ng		98
70) Phenanthrene	17.44	178	676970	44.872	ng		98
71) Anthracene	17.53	178	695880	46.323	ng		99
72) Carbazole	17.80	167	631498	44.265	ng		98
73) Di-n-butylphthalate	18.35	149	728435	43.208	ng	#	99
74) Fluoranthene	19.44	202	889037	43.749	ng		98
76) Benzidine	19.63	184	188439	21.833	ng		96
77) Pyrene	19.81	202	896853	43.205	ng		97
79) Butylbenzylphthalate	20.69	149	338463	45.595	ng	#	94
80) Benzo(a)anthracene	21.64	228	909497	44.457	ng		100
81) 3,3'-Dichlorobenzidine	21.56	252	167138	23.431	ng		99
82) Chrysene	21.70	228	834686	44.028	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	466673	46.243	ng		97
84) Di-n-octyl phthalate	22.74	149	790419	46.777	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	962455	45.855	ng	#	93
87) Benzo(b)fluoranthene	23.84	252	865643	45.366	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	830091	44.498	ng	#	96
89) Benzo(a)pyrene	24.71	252	830892	46.806	ng	#	97
90) Dibenzo(a,h)anthracene	28.56	278	801469	45.988	ng		95
91) Benzo(g,h,i)perylene	29.64	276	800995	46.969	ng	#	95

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

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