Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
Data File : BG035450.D
Acq On : 27 Jun 2018 18:15
Operator : JU/SJ
Sample : PB110639BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110639BS

Manual Integrations APPROVED
Sohil
6/28/2018 2:50:09 PM

Quant Time: Jun 28 01:21:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47713	20.00	ng		-0.03
21) Naphthalene-d8	10.85	136	176945	20.00	ng		-0.03
38) Acenaphthene-d10	14.68	164	127103	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	346187	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	364162	20.00	ng		-0.03
86) Perylene-d12	24.90	264	358171	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	365005	129.10	ng		-0.02
7) Phenol-d6	7.22	99	548615	131.47	ng		0.00
23) Nitrobenzene-d5	9.21	82	342435	91.99	ng		-0.03
41) 2,4,6-Tribromophenol	16.16	330	256440	157.61	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	796636	81.48	ng		-0.03
78) Terphenyl-d14	20.02	244	1440997	82.89	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	42321	31.374	ng	#	72
3) Pyridine	3.94	79	118053	32.435	ng	#	70
4) n-Nitrosodimethylamine	3.86	42	44880	28.703	ng	#	65
6) Aniline	7.38	93	98032	18.175	ng		98
8) 2-Chlorophenol	7.62	128	119136	40.200	ng		96
9) Benzaldehyde	7.19	77	79873	24.850	ng		96
10) Phenol	7.24	94	176625	40.900	ng		93
11) bis(2-Chloroethyl)ether	7.47	93	119439	35.634	ng		86
12) 1,3-Dichlorobenzene	7.94	146	133010	37.616	ng		92
13) 1,4-Dichlorobenzene	8.08	146	136665	37.441	ng		93
14) 1,2-Dichlorobenzene	8.41	146	127283	37.124	ng		94
15) Benzyl Alcohol	8.29	79	143686	36.339	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.58	45	126362	37.878	ng		72
17) 2-Methylphenol	8.49	107	122312	42.960	ng	#	91
18) Hexachloroethane	9.14	117	48899	37.419	ng		88
19) n-Nitroso-di-n-propylamine	8.85	70	107834	30.417	ng	#	82
20) 3+4-Methylphenols	8.82	107	164345	40.271	ng		91
22) Acetophenone	8.87	105	206266	37.631	ng	#	88
24) Nitrobenzene	9.25	77	163340	42.851	ng	#	93
25) Isophorone	9.78	82	309540	39.385	ng		99
26) 2-Nitrophenol	9.96	139	69499	52.895	ng	#	91
27) 2,4-Dimethylphenol	10.02	122	128665	46.588	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	167864	39.746	ng		97
29) 2,4-Dichlorophenol	10.50	162	144055	47.937	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	153551	42.613	ng		91
31) Naphthalene	10.90	128	365624	39.776	ng		99
32) Benzoic acid	10.16	122	73600m	39.787	ng		
33) 4-Chloroaniline	11.01	127	54832	13.738	ng		94
34) Hexachlorobutadiene	11.19	225	114873	40.991	ng		94
35) Caprolactam	11.79	113	47939m	43.165	ng		
36) 4-Chloro-3-methylphenol	12.13	107	172223	45.976	ng		96
37) 2-Methylnaphthalene	12.51	142	296375	42.527	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	207272	43.781	ng		99
40) Hexachlorocyclopentadiene	12.85	237	275290	92.726	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	135776	47.896	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	149043m	47.901	ng		
45) 1,1'-Biphenyl	13.51	154	408666	39.985	ng		99
46) 2-Chloronaphthalene	13.55	162	317711	41.116	ng		98
47) 2-Nitroaniline	13.75	65	109251	47.880	ng		94
48) Acenaphthylene	14.40	152	532225	41.076	ng		98
49) Dimethylphthalate	14.13	163	445521	40.196	ng		99
50) 2,6-Dinitrotoluene	14.25	165	102521	50.701	ng	#	89
51) Acenaphthene	14.74	154	316976	37.442	ng		98
52) 3-Nitroaniline	14.58	138	50742	25.574	ng	#	96
53) 2,4-Dinitrophenol	14.78	184	103754	126.786	ng	#	63
54) Dibenzofuran	15.07	168	525178	41.421	ng		96
55) 4-Nitrophenol	14.89	139	149459	89.252	ng	#	85
56) 2,4-Dinitrotoluene	15.03	165	148401	55.248	ng	#	82
57) Fluorene	15.72	166	442278	41.739	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	154836	51.225	ng		91
59) Diethylphthalate	15.49	149	443273	39.199	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	253611	41.973	ng		96
61) 4-Nitroaniline	15.74	138	99702	46.855	ng		85
62) Azobenzene	16.00	77	435820	39.329	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	83478	52.815	ng	#	79
65) n-Nitrosodiphenylamine	15.93	169	395828	38.074	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	178452	42.805	ng		94
67) Hexachlorobenzene	16.73	284	183983	43.359	ng	#	93
68) Atrazine	16.87	200	179396	40.464	ng		98
69) Pentachlorophenol	17.07	266	207114	72.587	ng		97
70) Phenanthrene	17.46	178	704892	40.084	ng		98
71) Anthracene	17.55	178	730175	41.451	ng		97
72) Carbazole	17.82	167	647678	39.628	ng		98
73) Di-n-butylphthalate	18.37	149	744391	38.212	ng	#	99
74) Fluoranthene	19.46	202	927280	40.522	ng		97
76) Benzidine	19.64	184	336156	24.812	ng		97
77) Pyrene	19.83	202	930898	38.776	ng		98
79) Butylbenzylphthalate	20.71	149	344026	39.464	ng	#	95
80) Benzo(a)anthracene	21.67	228	946995	40.694	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	213471	24.382	ng		98
82) Chrysene	21.73	228	891155	41.826	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	462694	37.563	ng	#	99
84) Di-n-octyl phthalate	22.78	149	787854	37.282	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.57	276	1028261	41.206	ng	#	85
87) Benzo(b)fluoranthene	23.89	252	930675	42.194	ng	#	94
88) Benzo(k)fluoranthene	23.95	252	877731	40.680	ng	#	95
89) Benzo(a)pyrene	24.75	252	900124	43.369	ng	#	96
90) Dibenzo(a,h)anthracene	28.63	278	844249	41.206	ng	#	96
91) Benzo(g,h,i)perylene	29.72	276	848427	42.313	ng	#	93

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

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