Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
Data File : BG035225.D
Acq On : 18 Jun 2018 19:10
Operator : SJ/JU
Sample : PB110320BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110320BS

Manual Integrations APPROVED
Sohil
6/19/2018 6:01:21 PM

Quant Time: Jun 19 05:58:11 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	8.06	152	45308	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	166103	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	121939	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	366602	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	365455	20.00	ng	-0.02
86) Perylene-d12	24.92	264	362701	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	351136	130.79	ng	0.00
7) Phenol-d6	7.22	99	503845	127.15	ng	0.00
23) Nitrobenzene-d5	9.22	82	322528	92.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	255519	163.69	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	753467	80.33	ng	-0.02
78) Terphenyl-d14	20.03	244	1664807	95.42	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	39623	30.933	ng	# 77
3) Pyridine	3.94	79	114841	33.227	ng	# 70
4) n-Nitrosodimethylamine	3.86	42	48837	32.891	ng	# 74
6) Aniline	7.38	93	107939	21.073	ng	96
8) 2-Chlorophenol	7.63	128	107799	38.306	ng	97
9) Benzaldehyde	7.20	77	62944	20.622	ng	94
10) Phenol	7.24	94	156209	38.093	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	105883	33.267	ng	89
12) 1,3-Dichlorobenzene	7.95	146	120876	35.999	ng	95
13) 1,4-Dichlorobenzene	8.10	146	120157	34.666	ng	97
14) 1,2-Dichlorobenzene	8.42	146	116864	35.894	ng	98
15) Benzyl Alcohol	8.30	79	128240	34.155	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.59	45	117005	36.935	ng	73
17) 2-Methylphenol	8.49	107	107184	39.645	ng	95
18) Hexachloroethane	9.15	117	45218	36.439	ng	# 84
19) n-Nitroso-di-n-propylamine	8.86	70	101700	30.210	ng	# 86
20) 3+4-Methylphenols	8.82	107	147890	38.163	ng	90
22) Acetophenone	8.88	105	179649	34.915	ng	# 88
24) Nitrobenzene	9.26	77	145994	40.800	ng	96
25) Isophorone	9.78	82	289047	39.178	ng	98
26) 2-Nitrophenol	9.98	139	60584	49.119	ng	# 86
27) 2,4-Dimethylphenol	10.03	122	115595	44.588	ng	86
28) bis(2-Chloroethoxy)methane	10.27	93	153124	38.622	ng	98
29) 2,4-Dichlorophenol	10.51	162	123812	43.890	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	132004	39.025	ng	96
31) Naphthalene	10.92	128	326484	37.836	ng	97
32) Benzoic acid	10.16	122	74074	42.657	ng	94
33) 4-Chloroaniline	11.02	127	63453	16.936	ng	95
34) Hexachlorobutadiene	11.20	225	99233	37.722	ng	97
35) Caprolactam	11.78	113	49758m	47.728	ng	
36) 4-Chloro-3-methylphenol	12.14	107	157892	44.901	ng	96
37) 2-Methylnaphthalene	12.52	142	268292	41.010	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	174703	38.464	ng	99
40) Hexachlorocyclopentadiene	12.87	237	254025	89.187	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	120807	44.420	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	131507	44.055	ng		99
45) 1,1'-Biphenyl	13.52	154	362393	36.959	ng		98
46) 2-Chloronaphthalene	13.56	162	280010	37.772	ng		98
47) 2-Nitroaniline	13.76	65	103445	47.255	ng		97
48) Acenaphthylene	14.40	152	484372	38.966	ng		97
49) Dimethylphthalate	14.13	163	413901	38.924	ng		100
50) 2,6-Dinitrotoluene	14.25	165	96812	49.906	ng	#	87
51) Acenaphthene	14.75	154	296964	36.564	ng		99
52) 3-Nitroaniline	14.58	138	52376	27.515	ng	#	93
53) 2,4-Dinitrophenol	14.79	184	115383	146.968	ng	#	63
54) Dibenzofuran	15.08	168	481261	39.565	ng		95
55) 4-Nitrophenol	14.89	139	168939	105.158	ng	#	87
56) 2,4-Dinitrotoluene	15.04	165	143429	55.659	ng	#	89
57) Fluorene	15.73	166	405764	39.915	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	147143	50.742	ng	#	92
59) Diethylphthalate	15.50	149	434103	40.014	ng		96
60) 4-Chlorophenyl-phenylether	15.72	204	228182	39.363	ng		98
61) 4-Nitroaniline	15.75	138	106891	52.360	ng	#	83
62) Azobenzene	16.01	77	424186	39.900	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	86887	51.910	ng		86
65) n-Nitrosodiphenylamine	15.94	169	382023	34.700	ng		96
66) 4-Bromophenyl-phenylether	16.61	248	165720	37.538	ng		95
67) Hexachlorobenzene	16.73	284	169910	37.813	ng		95
68) Atrazine	16.88	200	195718	41.687	ng		97
69) Pentachlorophenol	17.08	266	229336	75.900	ng		97
70) Phenanthrene	17.47	178	723240	38.837	ng		98
71) Anthracene	17.56	178	751082	40.264	ng		98
72) Carbazole	17.82	167	735500	42.495	ng		99
73) Di-n-butylphthalate	18.38	149	865549	41.957	ng	#	98
74) Fluoranthene	19.47	202	1054812	43.528	ng		97
76) Benzidine	19.65	184	290383	21.358	ng		96
77) Pyrene	19.84	202	1050054	43.585	ng		99
79) Butylbenzylphthalate	20.72	149	324385	37.079	ng		97
80) Benzo(a)anthracene	21.68	228	900217	38.547	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	185720	21.138	ng	#	97
82) Chrysene	21.74	228	828624	38.753	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	424666	34.354	ng	#	98
84) Di-n-octyl phthalate	22.80	149	762460	35.953	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	990971	39.572	ng	#	89
87) Benzo(b)fluoranthene	23.90	252	864694	38.713	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	857232	39.234	ng	#	95
89) Benzo(a)pyrene	24.77	252	849366	40.412	ng	#	95
90) Dibenzo(a,h)anthracene	28.67	278	816923	39.374	ng	#	96
91) Benzo(g,h,i)perylene	29.74	276	824252	40.594	ng	#	94

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

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