Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
Data File : BG035387.D
Acq On : 25 Jun 2018 20:48
Operator : JU/SJ
Sample : PB110552BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110552BS

Manual Integrations APPROVED
Sohil
6/27/2018 10:48:26 AM

Quant Time: Jun 26 01:29:27 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	53248	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	204105	20.00	ng		-0.02
38) Acenaphthene-d10	14.67	164	150295	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	392064	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	405566	20.00	ng		-0.03
86) Perylene-d12	24.90	264	394252	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	484085	153.42	ng		-0.01
7) Phenol-d6	7.22	99	703880	151.15	ng		0.00
23) Nitrobenzene-d5	9.22	82	451450	105.14	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	328820	170.91	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	1023104	88.49	ng		-0.03
78) Terphenyl-d14	20.02	244	1793234	92.62	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	49852	33.115	ng	#	74
3) Pyridine	3.93	79	146856	36.155	ng	#	69
4) n-Nitrosodimethylamine	3.85	42	64761	37.112	ng	#	74
6) Aniline	7.38	93	110945	18.431	ng		96
8) 2-Chlorophenol	7.62	128	153687	46.468	ng		94
9) Benzaldehyde	7.19	77	81825	22.811	ng		93
10) Phenol	7.24	94	229591	47.639	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	149257	39.901	ng		90
12) 1,3-Dichlorobenzene	7.94	146	168586	42.721	ng		94
13) 1,4-Dichlorobenzene	8.09	146	171620	42.130	ng		99
14) 1,2-Dichlorobenzene	8.40	146	164623	43.023	ng		97
15) Benzyl Alcohol	8.29	79	185492	42.036	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	162473	43.640	ng		72
17) 2-Methylphenol	8.49	107	150864	47.480	ng	#	90
18) Hexachloroethane	9.13	117	63438	43.499	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	138861	35.098	ng	#	87
20) 3+4-Methylphenols	8.82	107	203457	44.673	ng		92
22) Acetophenone	8.87	105	253435	40.084	ng	#	91
24) Nitrobenzene	9.26	77	212951	48.432	ng	#	94
25) Isophorone	9.78	82	400360	44.162	ng		99
26) 2-Nitrophenol	9.97	139	87450	57.700	ng	#	93
27) 2,4-Dimethylphenol	10.02	122	161358	50.651	ng		93
28) bis(2-Chloroethoxy)methane	10.26	93	211933	43.503	ng		97
29) 2,4-Dichlorophenol	10.50	162	182340	52.603	ng		90
30) 1,2,4-Trichlorobenzene	10.72	180	190434	45.816	ng		100
31) Naphthalene	10.91	128	472778	44.589	ng		99
32) Benzoic acid	10.17	122	112834	52.879	ng		96
33) 4-Chloroaniline	11.01	127	32827	7.130	ng		95
34) Hexachlorobutadiene	11.19	225	143929	44.525	ng		94
35) Caprolactam	11.79	113	54317m	42.400	ng		
36) 4-Chloro-3-methylphenol	12.13	107	214512	49.645	ng		95
37) 2-Methylnaphthalene	12.50	142	374181	46.547	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	252475	45.100	ng		98
40) Hexachlorocyclopentadiene	12.85	237	355346	101.222	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	174987	52.202	ng		94
43) 2,4,5-Trichlorophenol	13.19	196	185772	50.493	ng	#	97
45) 1,1'-Biphenyl	13.51	154	505301	41.811	ng		98
46) 2-Chloronaphthalene	13.56	162	405520	44.381	ng		97
47) 2-Nitroaniline	13.76	65	138320	51.265	ng		98
48) Acenaphthylene	14.40	152	671116	43.803	ng		96
49) Dimethylphthalate	14.13	163	556359	42.450	ng		99
50) 2,6-Dinitrotoluene	14.25	165	126866	53.060	ng		89
51) Acenaphthene	14.74	154	406041	40.562	ng		99
52) 3-Nitroaniline	14.57	138	41772	17.804	ng	#	90
53) 2,4-Dinitrophenol	14.78	184	154678	159.848	ng	#	62
54) Dibenzofuran	15.07	168	653223	43.570	ng		94
55) 4-Nitrophenol	14.88	139	190876	96.396	ng		87
56) 2,4-Dinitrotoluene	15.03	165	181474	57.136	ng	#	91
57) Fluorene	15.72	166	540929	43.172	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	192218	53.780	ng		94
59) Diethylphthalate	15.49	149	553060	41.361	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	318896	44.633	ng		95
61) 4-Nitroaniline	15.74	138	120678	47.961	ng	#	85
62) Azobenzene	16.01	77	545685	41.645	ng		94
64) 4,6-Dinitro-2-methylphenol	15.79	198	110509	61.735	ng		83
65) n-Nitrosodiphenylamine	15.92	169	486543	41.323	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	221827	46.983	ng		97
67) Hexachlorobenzene	16.72	284	218393	45.446	ng		95
68) Atrazine	16.87	200	221055	44.026	ng		97
69) Pentachlorophenol	17.07	266	275156	85.150	ng		97
70) Phenanthrene	17.46	178	874242	43.896	ng		98
71) Anthracene	17.55	178	884941	44.359	ng		98
72) Carbazole	17.82	167	809693	43.743	ng		99
73) Di-n-butylphthalate	18.37	149	905239	41.031	ng	#	98
74) Fluoranthene	19.47	202	1154950	44.565	ng		96
76) Benzidine	19.64	184	361859	23.982	ng		99
77) Pyrene	19.83	202	1137713	42.553	ng		98
79) Butylbenzylphthalate	20.71	149	417913	43.046	ng	#	94
80) Benzo(a)anthracene	21.67	228	1157366	44.657	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	214950	22.045	ng	#	93
82) Chrysene	21.73	228	1074711	45.291	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	573413	41.799	ng	#	99
84) Di-n-octyl phthalate	22.78	149	971169	41.265	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.58	276	1278598	46.008	ng	#	90
87) Benzo(b)fluoranthene	23.88	252	1147457	47.262	ng	#	97
88) Benzo(k)fluoranthene	23.95	252	1062599	44.741	ng	#	97
89) Benzo(a)pyrene	24.75	252	1076477	47.119	ng	#	96
90) Dibenzo(a,h)anthracene	28.64	278	1035524	45.916	ng	#	96
91) Benzo(g,h,i)perylene	29.72	276	1061039	48.074	ng	#	93

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

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