Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
Data File : BG036004.D
Acq On : 31 Jul 2018 16:50
Operator : JU/SJ
Sample : PB111524BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Manual Integrations APPROVED
Sohil
8/1/2018 5:08:50 PM

Quant Time: Jul 31 18:49:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	46578	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	173868	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	129478	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	331308	20.00	ng		0.00
75) Chrysene-d12	21.66	240	345125	20.00	ng		0.00
86) Perylene-d12	24.85	264	332505	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	450937	160.73	ng		0.00
7) Phenol-d6	7.20	99	658630	157.35	ng		0.00
23) Nitrobenzene-d5	9.19	82	431006	103.56	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	304813	178.61	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	1001297	103.61	ng		0.00
78) Terphenyl-d14	20.00	244	1647869	105.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	46795	32.772	ng	#	74
3) Pyridine	3.91	79	134888	36.185	ng	#	74
4) n-Nitrosodimethylamine	3.83	42	55503	34.677	ng	#	64
6) Aniline	7.36	93	111839	20.614	ng		92
8) 2-Chlorophenol	7.59	128	141722	49.669	ng		99
9) Benzaldehyde	7.16	77	90105	35.083	ng		94
10) Phenol	7.22	94	208044	49.196	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	140624	42.461	ng		87
12) 1,3-Dichlorobenzene	7.91	146	156715	45.481	ng		96
13) 1,4-Dichlorobenzene	8.06	146	159656	45.603	ng		94
14) 1,2-Dichlorobenzene	8.37	146	150692	44.805	ng		97
15) Benzyl Alcohol	8.26	79	168566	44.347	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	154892	55.786	ng		75
17) 2-Methylphenol	8.47	107	143195	49.803	ng	#	93
18) Hexachloroethane	9.10	117	60268	45.023	ng		93
19) n-Nitroso-di-n-propylamine	8.83	70	135039	38.311	ng	#	87
20) 3+4-Methylphenols	8.80	107	194818	48.842	ng		91
22) Acetophenone	8.84	105	245765	45.455	ng	#	90
24) Nitrobenzene	9.23	77	196128	46.856	ng		97
25) Isophorone	9.75	82	388614	50.298	ng		98
26) 2-Nitrophenol	9.94	139	87426	58.811	ng	#	92
27) 2,4-Dimethylphenol	10.00	122	153721	61.089	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	202055	47.461	ng		98
29) 2,4-Dichlorophenol	10.48	162	170804	59.463	ng		94
30) 1,2,4-Trichlorobenzene	10.68	180	179558	50.978	ng		98
31) Naphthalene	10.88	128	436221	48.164	ng		99
32) Benzoic acid	10.18	122	70785	41.786	ng		89
33) 4-Chloroaniline	10.99	127	29760	7.539	ng		92
34) Hexachlorobutadiene	11.15	225	138419	50.397	ng		97
35) Caprolactam	11.78	113	57081m	46.307	ng		
36) 4-Chloro-3-methylphenol	12.11	107	205608	53.401	ng		94
37) 2-Methylnaphthalene	12.48	142	346866	51.406	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	237367	48.572	ng		99
40) Hexachlorocyclopentadiene	12.82	237	325664	127.067	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	160236	56.068	ng		95
43) 2,4,5-Trichlorophenol	13.16	196	168492	52.701	ng	#	95
45) 1,1'-Biphenyl	13.48	154	484224	48.237	ng		98
46) 2-Chloronaphthalene	13.53	162	382122	48.938	ng		99
47) 2-Nitroaniline	13.73	65	128496	46.549	ng		92
48) Acenaphthylene	14.37	152	626755	47.918	ng		98
49) Dimethylphthalate	14.10	163	532086	46.904	ng	#	98
50) 2,6-Dinitrotoluene	14.23	165	121901	52.769	ng		89
51) Acenaphthene	14.71	154	367308	45.080	ng		98
52) 3-Nitroaniline	14.56	138	29532	12.508	ng	#	92
53) 2,4-Dinitrophenol	14.77	184	125766	103.740	ng	#	64
54) Dibenzofuran	15.05	168	616555	47.580	ng		94
55) 4-Nitrophenol	14.88	139	160577	95.498	ng		89
56) 2,4-Dinitrotoluene	15.01	165	172752	52.126	ng	#	86
57) Fluorene	15.69	166	512030	47.145	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.28	232	169837	55.405	ng	#	95
59) Diethylphthalate	15.47	149	527528	45.224	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	300126	47.017	ng		97
61) 4-Nitroaniline	15.72	138	112278	45.460	ng	#	80
62) Azobenzene	15.98	77	522730	45.431	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	105396	57.148	ng		87
65) n-Nitrosodiphenylamine	15.90	169	450139	47.734	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	204333	53.160	ng		96
67) Hexachlorobenzene	16.70	284	209160	52.841	ng		97
68) Atrazine	16.85	200	201604	51.923	ng		97
69) Pentachlorophenol	17.05	266	208941	86.662	ng		98
70) Phenanthrene	17.43	178	808092	48.881	ng		98
71) Anthracene	17.53	178	833345	50.625	ng		99
72) Carbazole	17.80	167	737829	47.198	ng		98
73) Di-n-butylphthalate	18.34	149	849915	46.007	ng	#	98
74) Fluoranthene	19.44	202	1040455	46.724	ng		97
76) Benzidine	19.62	184	288663	31.814	ng		99
77) Pyrene	19.80	202	1032926	47.333	ng		98
79) Butylbenzylphthalate	20.68	149	394235	50.518	ng	#	97
80) Benzo(a)anthracene	21.64	228	1059637	49.269	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	201925	26.926	ng	#	96
82) Chrysene	21.70	228	989767	49.662	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	549051	51.751	ng		98
84) Di-n-octyl phthalate	22.73	149	920047	51.793	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	1126658	51.060	ng	#	85
87) Benzo(b)fluoranthene	23.84	252	1014563	50.202	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	968390	49.013	ng	#	97
89) Benzo(a)pyrene	24.71	252	973227	51.764	ng	#	97
90) Dibenzo(a,h)anthracene	28.56	278	935786	50.698	ng	#	96
91) Benzo(g,h,i)perylene	29.64	276	942514	52.182	ng	#	94

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

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