Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
Data File : BG035711.D
Acq On : 18 Jul 2018 10:22
Operator : JU/SJ
Sample : PB111188BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111188BS

Manual Integrations APPROVED
Sohil
7/18/2018 3:27:53 PM

Quant Time: Jul 18 12:59:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41905	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	154690	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	112715	20.00	ng		-0.02
63) Phenanthrene-d10	17.41	188	324618	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	365533	20.00	ng		0.00
86) Perylene-d12	24.88	264	358408	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	253106	100.28	ng		0.00
7) Phenol-d6	7.21	99	366836	97.41	ng		0.00
23) Nitrobenzene-d5	9.20	82	353253	95.40	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	161453	108.67	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	805179	95.70	ng		-0.02
78) Terphenyl-d14	20.01	244	1456021	87.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	45897	35.727	ng	#	76
3) Pyridine	3.92	79	133733	39.876	ng	#	70
4) n-Nitrosodimethylamine	3.84	42	58634	40.718	ng	#	72
6) Aniline	7.36	93	130703	26.778	ng		97
8) 2-Chlorophenol	7.61	128	128017	49.869	ng		98
9) Benzaldehyde	7.18	77	75988	32.886	ng		95
10) Phenol	7.24	94	193137	50.764	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	130416	43.770	ng		92
12) 1,3-Dichlorobenzene	7.93	146	143966	46.441	ng		94
13) 1,4-Dichlorobenzene	8.07	146	145613	46.230	ng		99
14) 1,2-Dichlorobenzene	8.39	146	138555	45.790	ng		94
15) Benzyl Alcohol	8.28	79	153692	44.943	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.56	45	142735	57.140	ng		77
17) 2-Methylphenol	8.48	107	128172	49.549	ng		94
18) Hexachloroethane	9.12	117	54395	45.167	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	121771	38.400	ng	#	85
20) 3+4-Methylphenols	8.81	107	174414	48.603	ng		89
22) Acetophenone	8.86	105	224481	46.666	ng	#	92
24) Nitrobenzene	9.24	77	182231	48.934	ng		94
25) Isophorone	9.76	82	341413	49.668	ng		97
26) 2-Nitrophenol	9.95	139	74553	56.369	ng	#	88
27) 2,4-Dimethylphenol	10.01	122	136676	61.049	ng		92
28) bis(2-Chloroethoxy)methane	10.25	93	182751	48.248	ng		97
29) 2,4-Dichlorophenol	10.49	162	150993	59.083	ng		95
30) 1,2,4-Trichlorobenzene	10.70	180	158465	50.567	ng		98
31) Naphthalene	10.89	128	390438	48.454	ng		96
32) Benzoic acid	10.17	122	72805	48.307	ng		92
33) 4-Chloroaniline	11.00	127	55574	15.824	ng	#	89
34) Hexachlorobutadiene	11.17	225	120554	49.334	ng		99
35) Caprolactam	11.78	113	56797m	51.789	ng		
36) 4-Chloro-3-methylphenol	12.13	107	186335	54.396	ng		95
37) 2-Methylnaphthalene	12.50	142	313987	52.303	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	206060	48.436	ng		98
40) Hexachlorocyclopentadiene	12.84	237	279036	125.066	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	142363	57.222	ng		94
43) 2,4,5-Trichlorophenol	13.18	196	154407	55.478	ng		96
45) 1,1'-Biphenyl	13.49	154	426461	48.801	ng		96
46) 2-Chloronaphthalene	13.54	162	342733	50.422	ng		99
47) 2-Nitroaniline	13.75	65	127176	52.922	ng		96
48) Acenaphthylene	14.39	152	580288	50.963	ng		98
49) Dimethylphthalate	14.12	163	494929	50.117	ng	#	98
50) 2,6-Dinitrotoluene	14.23	165	114708	57.040	ng		94
51) Acenaphthene	14.73	154	340755	48.041	ng		99
52) 3-Nitroaniline	14.57	138	52338	25.464	ng	#	93
53) 2,4-Dinitrophenol	14.78	184	29171	32.469	ng	#	61
54) Dibenzofuran	15.06	168	576224	51.081	ng		94
55) 4-Nitrophenol	14.89	139	174269	119.054	ng	#	86
56) 2,4-Dinitrotoluene	15.02	165	168491	58.401	ng		89
57) Fluorene	15.71	166	478256	50.584	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	155171	58.149	ng		93
59) Diethylphthalate	15.47	149	499449	49.185	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	273743	49.261	ng		98
61) 4-Nitroaniline	15.74	138	116356	54.118	ng	#	84
62) Azobenzene	15.99	77	499104	49.829	ng		96
64) 4,6-Dinitro-2-methylphenol	15.79	198	55424	30.671	ng		80
65) n-Nitrosodiphenylamine	15.91	169	434079	46.979	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	189734	50.379	ng		96
67) Hexachlorobenzene	16.71	284	194630	50.183	ng		96
68) Atrazine	16.86	200	209828	55.155	ng		96
69) Pentachlorophenol	17.06	266	104270	44.139	ng		95
70) Phenanthrene	17.45	178	809329	49.965	ng		96
71) Anthracene	17.54	178	828278	51.354	ng		98
72) Carbazole	17.81	167	782129	51.062	ng		99
73) Di-n-butylphthalate	18.36	149	882715	48.767	ng	#	98
74) Fluoranthene	19.46	202	1103496	50.577	ng		96
76) Benzidine	19.63	184	426117	44.341	ng		98
77) Pyrene	19.82	202	1091236	47.213	ng		96
79) Butylbenzylphthalate	20.70	149	426305	51.577	ng		97
80) Benzo(a)anthracene	21.65	228	1141065	50.093	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	239164	30.112	ng		97
82) Chrysene	21.72	228	1051997	49.837	ng		97
83) Bis(2-ethylhexyl)phthalate	21.55	149	589117	52.428	ng		98
84) Di-n-octyl phthalate	22.76	149	1013638	53.876	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.54	276	1259119	53.877	ng	#	86
87) Benzo(b)fluoranthene	23.86	252	1104051	50.682	ng	#	98
88) Benzo(k)fluoranthene	23.93	252	1082345	50.822	ng	#	98
89) Benzo(a)pyrene	24.74	252	1077081	53.147	ng	#	98
90) Dibenzo(a,h)anthracene	28.60	278	1049728	52.760	ng	#	96
91) Benzo(g,h,i)perylene	29.69	276	1053276	54.099	ng	#	93

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

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