Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030970.D
Acq On : 13 Nov 2017 13:16
Operator : SJ/JU
Sample : PB104196BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104196BS

Manual Integrations APPROVED
SOHIL
11/14/2017 5:22:33 PM

Quant Time: Nov 14 04:59:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	45892	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	200668	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	140402	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	362623	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	434363	20.00	ng		0.00
86) Perylene-d12	25.08	264	440650	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	346333	129.41	ng		0.00
7) Phenol-d6	7.31	99	450959	125.07	ng		0.00
23) Nitrobenzene-d5	9.31	82	265369	78.36	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	298763	131.54	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	796171	81.48	ng		-0.01
78) Terphenyl-d14	20.09	244	1532969	77.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	36661	33.756	ng		85
3) Pyridine	3.96	79	102126	32.390	ng		91
4) n-Nitrosodimethylamine	3.87	42	55202	36.941	ng	#	84
6) Aniline	7.46	93	79055	16.661	ng		92
8) 2-Chlorophenol	7.71	128	123818	41.923	ng		91
9) Benzaldehyde	7.28	77	59717	23.668	ng		80
10) Phenol	7.33	94	157508	42.065	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	108104	36.159	ng		88
12) 1,3-Dichlorobenzene	8.03	146	130369	37.623	ng		96
13) 1,4-Dichlorobenzene	8.18	146	134768	38.380	ng		98
14) 1,2-Dichlorobenzene	8.50	146	127900	37.949	ng		97
15) Benzyl Alcohol	8.38	79	111973	38.717	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.67	45	158212	47.910	ng		91
17) 2-Methylphenol	8.59	107	109070	41.830	ng		97
18) Hexachloroethane	9.23	117	46088	37.711	ng		91
19) n-Nitroso-di-n-propylamine	8.94	70	90974	33.185	ng	#	94
20) 3+4-Methylphenols	8.92	107	149090	40.212	ng		98
22) Acetophenone	8.97	105	180160	36.058	ng	#	93
24) Nitrobenzene	9.35	77	135150	39.069	ng	#	91
25) Isophorone	9.87	82	252274	38.197	ng	#	92
26) 2-Nitrophenol	10.07	139	73714	40.881	ng		90
27) 2,4-Dimethylphenol	10.12	122	124035	46.336	ng		94
28) bis(2-Chloroethoxy)methane	10.35	93	156966	37.736	ng		98
29) 2,4-Dichlorophenol	10.61	162	149565	46.529	ng		92
30) 1,2,4-Trichlorobenzene	10.82	180	155665	40.562	ng		99
31) Naphthalene	11.01	128	370549	37.563	ng		99
32) Benzoic acid	10.27	122	70706	33.635	ng		87
33) 4-Chloroaniline	11.12	127	42325	9.801	ng	#	91
34) Hexachlorobutadiene	11.29	225	108621	40.811	ng		97
35) Caprolactam	11.88	113	50934m	38.788	ng		
36) 4-Chloro-3-methylphenol	12.24	107	145401	41.560	ng	#	84
37) 2-Methylnaphthalene	12.60	142	302367	39.706	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	204708	36.736	ng		96
40) Hexachlorocyclopentadiene	12.95	237	180257	86.469	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	141281	44.350	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	150132	43.074	ng	#	93
45) 1,1'-Biphenyl	13.60	154	419805	36.058	ng		98
46) 2-Chloronaphthalene	13.65	162	335380	39.925	ng		95
47) 2-Nitroaniline	13.84	65	94004	37.756	ng	#	82
48) Acenaphthylene	14.49	152	515708	37.510	ng		98
49) Dimethylphthalate	14.21	163	468054	38.556	ng		99
50) 2,6-Dinitrotoluene	14.33	165	104215	41.650	ng	#	79
51) Acenaphthene	14.83	154	321886	37.487	ng		97
52) 3-Nitroaniline	14.66	138	36696	13.812	ng	#	77
53) 2,4-Dinitrophenol	14.88	184	101697	74.326	ng	#	51
54) Dibenzofuran	15.16	168	536794	39.248	ng		98
55) 4-Nitrophenol	14.98	139	154744	81.763	ng	#	84
56) 2,4-Dinitrotoluene	15.13	165	151245	41.811	ng	#	73
57) Fluorene	15.81	166	431089	38.824	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	156236	47.032	ng	#	86
59) Diethylphthalate	15.56	149	461250	37.405	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	268703	40.069	ng		91
61) 4-Nitroaniline	15.82	138	96865	34.431	ng		92
62) Azobenzene	16.08	77	358070	38.075	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	82451	34.207	ng		75
65) n-Nitrosodiphenylamine	16.01	169	410268	37.337	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	190474	41.473	ng		95
67) Hexachlorobenzene	16.81	284	203065	41.611	ng	#	89
68) Atrazine	16.95	200	174494	38.488	ng		95
69) Pentachlorophenol	17.15	266	214392	79.476	ng		98
70) Phenanthrene	17.54	178	747350	39.583	ng		99
71) Anthracene	17.63	178	763077	40.335	ng		99
72) Carbazole	17.90	167	687865	38.804	ng		99
73) Di-n-butylphthalate	18.44	149	805946	37.029	ng		100
74) Fluoranthene	19.54	202	1006717	42.112	ng		97
76) Benzidine	19.71	184	263127	18.859	ng		97
77) Pyrene	19.90	202	1016193	39.426	ng		98
79) Butylbenzylphthalate	20.77	149	378832	36.862	ng		85
80) Benzo(a)anthracene	21.75	228	1067978	39.583	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	182449	16.752	ng	#	96
82) Chrysene	21.82	228	991006	39.706	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	530386	35.753	ng	#	98
84) Di-n-octyl phthalate	22.86	149	887117	36.741	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1233247	40.645	ng	#	94
87) Benzo(b)fluoranthene	24.03	252	1060601	39.790	ng	#	97
88) Benzo(k)fluoranthene	24.09	252	1061276	40.169	ng	#	97
89) Benzo(a)pyrene	24.92	252	1038119	40.997	ng	#	97
90) Dibenzo(a,h)anthracene	28.92	278	1028158	39.725	ng	#	96
91) Benzo(g,h,i)perylene	30.06	276	1021940	40.683	ng	#	94

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

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