Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030703.D
Acq On : 3 Nov 2017 17:05
Operator : SJ/JU
Sample : PB103802BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103802BS

Manual Integrations APPROVED
Sohil
11/4/2017 2:21:34 PM

Quant Time: Nov 03 17:32:44 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 18:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	57134	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	261958	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	182395	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	459834	20.00	ng		0.00
75) Chrysene-d12	21.78	240	508820	20.00	ng		0.00
86) Perylene-d12	25.08	264	518782	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	448588	131.16	ng		0.00
7) Phenol-d6	7.31	99	615075	128.12	ng		0.00
23) Nitrobenzene-d5	9.32	82	347605	84.32	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	322372	136.89	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	985639	79.26	ng		0.00
78) Terphenyl-d14	20.10	244	1686938	75.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	53401	38.483	ng		85
3) Pyridine	3.97	79	142571	35.282	ng		90
4) n-Nitrosodimethylamine	3.88	42	68340	36.179	ng	#	94
6) Aniline	7.47	93	95696	16.098	ng		95
8) 2-Chlorophenol	7.72	128	155901	39.769	ng		89
9) Benzaldehyde	7.29	77	58274	24.134	ng		87
10) Phenol	7.34	94	210610	40.694	ng		92
11) bis(2-Chloroethyl)ether	7.57	93	142233	37.720	ng		91
12) 1,3-Dichlorobenzene	8.04	146	165715	37.652	ng		97
13) 1,4-Dichlorobenzene	8.19	146	167846	37.353	ng		95
14) 1,2-Dichlorobenzene	8.51	146	159560	36.814	ng		98
15) Benzyl Alcohol	8.38	79	142061	41.992	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.68	45	230055	35.925	ng		93
17) 2-Methylphenol	8.60	107	143072	41.614	ng		95
18) Hexachloroethane	9.24	117	57601	37.615	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	117505	35.999	ng	#	97
20) 3+4-Methylphenols	8.92	107	195031	40.260	ng		95
22) Acetophenone	8.97	105	226875	35.937	ng	#	93
24) Nitrobenzene	9.36	77	171651	37.034	ng		91
25) Isophorone	9.88	82	328449	38.167	ng	#	91
26) 2-Nitrophenol	10.08	139	88905	40.134	ng	#	89
27) 2,4-Dimethylphenol	10.13	122	162548	40.556	ng		90
28) bis(2-Chloroethoxy)methane	10.36	93	208861	39.580	ng		97
29) 2,4-Dichlorophenol	10.61	162	179953	42.104	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	179157	38.800	ng		97
31) Naphthalene	11.02	128	489488	37.493	ng		97
32) Benzoic acid	10.26	122	114062m	33.989	ng		
33) 4-Chloroaniline	11.12	127	71686	13.053	ng		96
34) Hexachlorobutadiene	11.30	225	110739	38.573	ng		99
35) Caprolactam	11.89	113	63926m	45.005	ng		
36) 4-Chloro-3-methylphenol	12.23	107	189919	40.402	ng		86
37) 2-Methylnaphthalene	12.61	142	389465	40.931	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	218665	32.836	ng		99
40) Hexachlorocyclopentadiene	12.96	237	234322	92.136	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	155864	37.285	ng		100
43) 2,4,5-Trichlorophenol	13.28	196	171831	40.024	ng		94
45) 1,1'-Biphenyl	13.61	154	531787	33.920	ng		98
46) 2-Chloronaphthalene	13.65	162	414725	36.267	ng		98
47) 2-Nitroaniline	13.85	65	127133	40.476	ng		89
48) Acenaphthylene	14.49	152	663688	37.084	ng		98
49) Dimethylphthalate	14.22	163	550553	38.687	ng		99
50) 2,6-Dinitrotoluene	14.34	165	124805	41.835	ng	#	81
51) Acenaphthene	14.84	154	411041	35.300	ng		99
52) 3-Nitroaniline	14.67	138	61349	19.058	ng	#	81
53) 2,4-Dinitrophenol	14.88	184	135103	82.055	ng	#	50
54) Dibenzofuran	15.16	168	677503	40.757	ng		100
55) 4-Nitrophenol	14.98	139	218323	82.264	ng	#	82
56) 2,4-Dinitrotoluene	15.13	165	182171	45.109	ng	#	75
57) Fluorene	15.82	166	534617	38.931	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	170417	47.579	ng	#	92
59) Diethylphthalate	15.57	149	556932	39.269	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	295672	40.383	ng		95
61) 4-Nitroaniline	15.83	138	130484	39.475	ng		87
62) Azobenzene	16.09	77	490097	40.979	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	95536	37.729	ng		80
65) n-Nitrosodiphenylamine	16.02	169	489786	35.557	ng		100
66) 4-Bromophenyl-phenylether	16.69	248	200910	38.076	ng		99
67) Hexachlorobenzene	16.82	284	219052	36.650	ng		94
68) Atrazine	16.95	200	197952	40.275	ng		99
69) Pentachlorophenol	17.16	266	258224	75.209	ng		99
70) Phenanthrene	17.55	178	910064	38.310	ng		98
71) Anthracene	17.64	178	931523	39.052	ng		99
72) Carbazole	17.91	167	869127	37.930	ng		99
73) Di-n-butylphthalate	18.45	149	1015694	38.541	ng		99
74) Fluoranthene	19.55	202	1148658	41.341	ng		97
76) Benzidine	19.72	184	327974	21.348	ng		98
77) Pyrene	19.91	202	1172841	37.998	ng		97
79) Butylbenzylphthalate	20.78	149	483526	36.770	ng		92
80) Benzo(a)anthracene	21.76	228	1176743	39.390	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	227658	18.463	ng		97
82) Chrysene	21.83	228	1112624	38.890	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	677441	35.896	ng		98
84) Di-n-octyl phthalate	22.88	149	1151028	34.995	ng		96
85) Indeno(1,2,3-cd)pyrene	28.87	276	1419899	40.341	ng		98
87) Benzo(b)fluoranthene	24.03	252	1201337	40.448	ng		100
88) Benzo(k)fluoranthene	24.10	252	1164624	39.359	ng		99
89) Benzo(a)pyrene	24.93	252	1172170	41.053	ng		99
90) Dibenzo(a,h)anthracene	28.93	278	1178532	40.770	ng		97
91) Benzo(g,h,i)perylene	30.05	276	1179876	43.929	ng		98

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

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