Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110217\
Data File : BG030669.D
Acq On : 2 Nov 2017 19:23
Operator : SJ/JU
Sample : PB103908BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB103908BS

Manual Integrations APPROVED
Sohil
11/3/2017 1:24:51 PM

Quant Time: Nov 03 01:53:15 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 17:41:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	54987	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	248429	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	171731	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	430357	20.00	ng		0.00
75) Chrysene-d12	21.78	240	499134	20.00	ng		0.00
86) Perylene-d12	25.08	264	528904	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	419557	127.47	ng		0.00
7) Phenol-d6	7.31	99	555961	120.33	ng		0.00
23) Nitrobenzene-d5	9.32	82	312628	79.97	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	291475	131.46	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	917229	78.34	ng		0.00
78) Terphenyl-d14	20.10	244	1611736	73.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	49013	36.700	ng		86
3) Pyridine	3.97	79	134012	34.458	ng		91
4) n-Nitrosodimethylamine	3.88	42	62517	34.389	ng	#	95
6) Aniline	7.47	93	171258	29.934	ng		96
8) 2-Chlorophenol	7.72	128	147545	39.107	ng		93
9) Benzaldehyde	7.28	77	57931	24.929	ng		91
10) Phenol	7.34	94	196829	39.516	ng		90
11) bis(2-Chloroethyl)ether	7.56	93	137122	37.785	ng		91
12) 1,3-Dichlorobenzene	8.04	146	154830	36.553	ng		97
13) 1,4-Dichlorobenzene	8.19	146	155431	35.940	ng		96
14) 1,2-Dichlorobenzene	8.51	146	150171	36.001	ng		96
15) Benzyl Alcohol	8.39	79	129494	39.772	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.68	45	215137	34.907	ng		92
17) 2-Methylphenol	8.59	107	132947	40.179	ng		96
18) Hexachloroethane	9.24	117	54089	36.701	ng		94
19) n-Nitroso-di-n-propylamine	8.95	70	112412	35.783	ng	#	97
20) 3+4-Methylphenols	8.92	107	183207	39.296	ng		96
22) Acetophenone	8.97	105	213248	35.618	ng	#	93
24) Nitrobenzene	9.36	77	163516	37.200	ng	#	90
25) Isophorone	9.88	82	310103	37.997	ng	#	94
26) 2-Nitrophenol	10.07	139	83895	39.934	ng		92
27) 2,4-Dimethylphenol	10.13	122	152192	40.040	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	193756	38.717	ng		96
29) 2,4-Dichlorophenol	10.61	162	170442	42.051	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	169522	38.713	ng		98
31) Naphthalene	11.02	128	465146	37.569	ng		97
32) Benzoic acid	10.26	122	95842	30.115	ng		83
33) 4-Chloroaniline	11.12	127	146186	28.069	ng		95
34) Hexachlorobutadiene	11.30	225	104217	38.278	ng		98
35) Caprolactam	11.88	113	59888m	44.458	ng		
36) 4-Chloro-3-methylphenol	12.23	107	176846	39.670	ng		91
37) 2-Methylnaphthalene	12.61	142	366347	40.598	ng		89
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	208060	33.184	ng		98
40) Hexachlorocyclopentadiene	12.95	237	227214	94.749	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	148104	37.628	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	165667	40.985	ng		95
45) 1,1'-Biphenyl	13.60	154	507126	34.356	ng		99
46) 2-Chloronaphthalene	13.65	162	397741	36.942	ng		96
47) 2-Nitroaniline	13.85	65	119035	40.251	ng	#	85
48) Acenaphthylene	14.49	152	633568	37.599	ng		98
49) Dimethylphthalate	14.22	163	526730	39.311	ng		99
50) 2,6-Dinitrotoluene	14.34	165	120203	42.795	ng	#	77
51) Acenaphthene	14.83	154	389970	35.570	ng		98
52) 3-Nitroaniline	14.67	138	96551	31.855	ng	#	79
53) 2,4-Dinitrophenol	14.88	184	124794	80.626	ng	#	52
54) Dibenzofuran	15.17	168	645975	41.273	ng		99
55) 4-Nitrophenol	14.98	139	204082	81.673	ng	#	82
56) 2,4-Dinitrotoluene	15.13	165	169812	44.660	ng	#	75
57) Fluorene	15.81	166	508327	39.316	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	158742	47.071	ng	#	93
59) Diethylphthalate	15.57	149	527310	39.489	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	287767	41.744	ng		94
61) 4-Nitroaniline	15.83	138	130577	41.956	ng		87
62) Azobenzene	16.09	77	465341	41.325	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	87184	36.914	ng		81
65) n-Nitrosodiphenylamine	16.01	169	474491	36.806	ng		98
66) 4-Bromophenyl-phenylether	16.69	248	189521	38.378	ng		97
67) Hexachlorobenzene	16.82	284	205017	36.651	ng		96
68) Atrazine	16.95	200	185181	40.257	ng		99
69) Pentachlorophenol	17.16	266	239804	74.628	ng		99
70) Phenanthrene	17.55	178	859672	38.667	ng		97
71) Anthracene	17.64	178	895125	40.097	ng		99
72) Carbazole	17.91	167	827780	38.600	ng		99
73) Di-n-butylphthalate	18.45	149	955961	38.759	ng		99
74) Fluoranthene	19.55	202	1104398	42.471	ng		97
76) Benzidine	19.72	184	639529	42.435	ng		98
77) Pyrene	19.91	202	1143371	37.762	ng		97
79) Butylbenzylphthalate	20.78	149	475875	36.890	ng		87
80) Benzo(a)anthracene	21.76	228	1172659	40.015	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	334464	27.651	ng		100
82) Chrysene	21.83	228	1111333	39.598	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	676541	36.544	ng		99
84) Di-n-octyl phthalate	22.88	149	1175223	36.424	ng		95
85) Indeno(1,2,3-cd)pyrene	28.87	276	1468970	42.545	ng		98
87) Benzo(b)fluoranthene	24.03	252	1212623	40.047	ng		99
88) Benzo(k)fluoranthene	24.10	252	1214636	40.264	ng		97
89) Benzo(a)pyrene	24.93	252	1195697	41.075	ng		99
90) Dibenzo(a,h)anthracene	28.93	278	1226798	41.628	ng		99
91) Benzo(g,h,i)perylene	30.04	276	1218351	44.494	ng		98

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

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