Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030909.D
Acq On : 10 Nov 2017 15:40
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG111017

Manual Integrations APPROVED
SOHIL
11/13/2017 4:45:00 PM

Quant Time: Nov 10 16:15:42 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	43099	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	199694	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	137184	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	339914	20.00	ng		0.00
75) Chrysene-d12	21.78	240	382699	20.00	ng		0.00
86) Perylene-d12	25.08	264	392272	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	205029	81.57	ng		0.00
7) Phenol-d6	7.31	99	281863	83.24	ng		0.00
23) Nitrobenzene-d5	9.31	82	273038	81.02	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	172885	77.90	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	776688	81.35	ng		0.00
78) Terphenyl-d14	20.09	244	1426527	82.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	42962	42.121	ng	#	80
3) Pyridine	3.96	79	125321	42.322	ng		91
4) n-Nitrosodimethylamine	3.87	42	58148	41.434	ng	#	90
6) Aniline	7.46	93	181386	40.704	ng		96
8) 2-Chlorophenol	7.71	128	114633	41.329	ng		87
9) Benzaldehyde	7.27	77	95486	40.297	ng		90
10) Phenol	7.33	94	143588	40.833	ng		94
11) bis(2-Chloroethyl)ether	7.56	93	115975	41.306	ng		90
12) 1,3-Dichlorobenzene	8.03	146	132182	40.618	ng		96
13) 1,4-Dichlorobenzene	8.18	146	134199	40.695	ng		97
14) 1,2-Dichlorobenzene	8.50	146	128992	40.753	ng		95
15) Benzyl Alcohol	8.38	79	112545	41.436	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.67	45	127340	41.060	ng		93
17) 2-Methylphenol	8.59	107	99782	40.748	ng		94
18) Hexachloroethane	9.23	117	46504	40.518	ng		94
19) n-Nitroso-di-n-propylamine	8.95	70	106928	41.532	ng	#	97
20) 3+4-Methylphenols	8.92	107	144224	41.420	ng		93
22) Acetophenone	8.97	105	200041	40.232	ng	#	95
24) Nitrobenzene	9.35	77	139623	40.559	ng		91
25) Isophorone	9.88	82	265775	40.438	ng	#	93
26) 2-Nitrophenol	10.07	139	74915	41.750	ng		90
27) 2,4-Dimethylphenol	10.12	122	110759	41.578	ng		91
28) bis(2-Chloroethoxy)methane	10.35	93	170921	41.291	ng		99
29) 2,4-Dichlorophenol	10.61	162	133806	41.829	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	153450	40.180	ng		98
31) Naphthalene	11.01	128	393921	40.127	ng		100
32) Benzoic acid	10.28	122	84750	39.354	ng	#	80
33) 4-Chloroaniline	11.12	127	176275	41.019	ng		96
34) Hexachlorobutadiene	11.29	225	108255	40.872	ng		98
35) Caprolactam	11.89	113	49307	37.732	ng	#	72
36) 4-Chloro-3-methylphenol	12.24	107	139416	40.044	ng	#	90
37) 2-Methylnaphthalene	12.60	142	306840	40.490	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	222159	40.802	ng	#	97
40) Hexachlorocyclopentadiene	12.94	237	67339	39.643	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	127378	40.923	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	136384	40.047	ng		95
45) 1,1'-Biphenyl	13.60	154	459037	40.352	ng		97
46) 2-Chloronaphthalene	13.65	162	331439	40.382	ng		97
47) 2-Nitroaniline	13.85	65	98477	40.480	ng	#	83
48) Acenaphthylene	14.49	152	546915	40.712	ng		99
49) Dimethylphthalate	14.21	163	468699	39.514	ng	#	99
50) 2,6-Dinitrotoluene	14.34	165	98941	40.470	ng	#	79
51) Acenaphthene	14.83	154	335873	40.034	ng		99
52) 3-Nitroaniline	14.67	138	103103	39.717	ng	#	81
53) 2,4-Dinitrophenol	14.88	184	46562	37.946	ng	#	53
54) Dibenzofuran	15.16	168	531512	39.774	ng		99
55) 4-Nitrophenol	14.99	139	74845	40.474	ng	#	83
56) 2,4-Dinitrotoluene	15.13	165	143680	40.651	ng	#	72
57) Fluorene	15.81	166	425678	39.235	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	130336	40.156	ng	#	88
59) Diethylphthalate	15.56	149	478631	39.725	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	261865	39.965	ng		93
61) 4-Nitroaniline	15.83	138	108784	39.574	ng		92
62) Azobenzene	16.09	77	368557	40.109	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	95718	42.365	ng		79
65) n-Nitrosodiphenylamine	16.01	169	415742	40.362	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	174928	40.632	ng		95
67) Hexachlorobenzene	16.82	284	184584	40.351	ng		93
68) Atrazine	16.95	200	169682	39.927	ng		97
69) Pentachlorophenol	17.16	266	102738	40.630	ng		97
70) Phenanthrene	17.55	178	711103	40.179	ng		99
71) Anthracene	17.64	178	721150	40.665	ng		99
72) Carbazole	17.91	167	667763	40.187	ng		100
73) Di-n-butylphthalate	18.44	149	820682	40.225	ng		99
74) Fluoranthene	19.55	202	907438	40.495	ng		98
76) Benzidine	19.72	184	499582	40.639	ng	#	95
77) Pyrene	19.91	202	938092	41.309	ng		97
79) Butylbenzylphthalate	20.77	149	370577	40.927	ng		87
80) Benzo(a)anthracene	21.76	228	957676	40.286	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	390156	40.659	ng		96
82) Chrysene	21.83	228	897591	40.819	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	527841	40.385	ng		98
84) Di-n-octyl phthalate	22.87	149	869888	40.891	ng		95
85) Indeno(1,2,3-cd)pyrene	28.88	276	1087301	40.673	ng	#	87
87) Benzo(b)fluoranthene	24.03	252	961133m	40.506	ng		
88) Benzo(k)fluoranthene	24.10	252	946329	40.236	ng		97
89) Benzo(a)pyrene	24.93	252	906188	40.200	ng		97
90) Dibenzo(a,h)anthracene	28.94	278	937546	40.692	ng		97
91) Benzo(g,h,i)perylene	30.08	276	899678	40.232	ng		97

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

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