Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015923.D
Acq On : 12 Jul 2018 20:07
Operator : SJ/JU
Sample : PB111042BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 12 23:48:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Manual Integrations APPROVED
Sohil
7/13/2018 2:50:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	86340	20.00	ng		-0.03
21) Naphthalene-d8	11.11	136	348996	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	175394	20.00	ng		-0.02
63) Phenanthrene-d10	17.63	188	344586	20.00	ng		-0.02
75) Chrysene-d12	21.74	240	306805	20.00	ng		-0.02
86) Perylene-d12	24.14	264	296856	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	485628	96.46	ng		-0.02
7) Phenol-d6	7.44	99	620156	89.98	ng		-0.02
23) Nitrobenzene-d5	9.47	82	676626	94.60	ng		-0.03
41) 2,4,6-Tribromophenol	16.39	330	195464	85.29	ng		-0.02
44) 2-Fluorobiphenyl	13.53	172	1360770	96.32	ng		-0.03
78) Terphenyl-d14	20.20	244	1588551	96.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	72620	34.878	ng	#	100
3) Pyridine	3.99	79	191118	34.784	ng	#	76
4) n-Nitrosodimethylamine	3.90	42	174845	40.868	ng	#	44
6) Aniline	7.61	93	223723	26.774	ng	#	90
8) 2-Chlorophenol	7.85	128	255625	42.306	ng		96
9) Benzaldehyde	7.42	77	148336	34.147	ng		91
10) Phenol	7.47	94	294666	42.549	ng		94
11) bis(2-Chloroethyl)ether	7.70	93	213300	37.862	ng		88
12) 1,3-Dichlorobenzene	8.17	146	266036	39.711	ng	#	89
13) 1,4-Dichlorobenzene	8.32	146	269271	38.869	ng	#	95
14) 1,2-Dichlorobenzene	8.65	146	261527	39.034	ng		94
15) Benzyl Alcohol	8.54	79	226507	37.854	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.81	45	342768	55.711	ng		98
17) 2-Methylphenol	8.73	107	198350	41.340	ng	#	86
18) Hexachloroethane	9.37	117	113956	41.600	ng		97
19) n-Nitroso-di-n-propylamine	9.10	70	193520	34.937	ng	#	78
20) 3+4-Methylphenols	9.07	107	264478	39.684	ng		89
22) Acetophenone	9.13	105	364116	40.050	ng	#	86
24) Nitrobenzene	9.52	77	307534	44.169	ng		99
25) Isophorone	10.04	82	493349	45.189	ng	#	94
26) 2-Nitrophenol	10.23	139	126898	42.325	ng	#	58
27) 2,4-Dimethylphenol	10.27	122	219812	48.260	ng	#	85
28) bis(2-Chloroethoxy)methane	10.51	93	293508	41.265	ng		99
29) 2,4-Dichlorophenol	10.76	162	225784	44.758	ng		97
30) 1,2,4-Trichlorobenzene	10.97	180	245462	41.894	ng		97
31) Naphthalene	11.16	128	755963	41.780	ng		99
32) Benzoic acid	10.45	122	131322	32.565	ng		85
33) 4-Chloroaniline	11.29	127	128496	17.418	ng	#	89
34) Hexachlorobutadiene	11.42	225	159086	40.684	ng		96
35) Caprolactam	12.09	113	58936m	35.228	ng		
36) 4-Chloro-3-methylphenol	12.39	107	237076	40.959	ng		86
37) 2-Methylnaphthalene	12.75	142	543041	42.190	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	257476	45.738	ng	#	100
40) Hexachlorocyclopentadiene	13.07	237	284143	104.774	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	167117	46.964	ng		98
43) 2,4,5-Trichlorophenol	13.43	196	165716	43.111	ng	#	85
45) 1,1'-Biphenyl	13.75	154	668395	44.076	ng		99
46) 2-Chloronaphthalene	13.80	162	515285	45.447	ng	#	90
47) 2-Nitroaniline	14.01	65	170182	43.041	ng	#	77
48) Acenaphthylene	14.64	152	798646	43.300	ng		99
49) Dimethylphthalate	14.36	163	633409	40.948	ng		99
50) 2,6-Dinitrotoluene	14.50	165	131326	43.543	ng	#	69
51) Acenaphthene	14.97	154	464917	40.508	ng		98
52) 3-Nitroaniline	14.83	138	83646	25.338	ng	#	79
53) 2,4-Dinitrophenol	15.05	184	107436	71.954	ng	#	83
54) Dibenzofuran	15.30	168	743545	42.043	ng	#	85
55) 4-Nitrophenol	15.13	139	182419	74.874	ng	#	79
56) 2,4-Dinitrotoluene	15.28	165	176527	40.541	ng		99
57) Fluorene	15.95	166	582504	39.941	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	140879	43.432	ng	#	100
59) Diethylphthalate	15.70	149	642860	38.782	ng		95
60) 4-Chlorophenyl-phenylether	15.93	204	292043	38.916	ng	#	89
61) 4-Nitroaniline	15.99	138	112558	32.867	ng	#	29
62) Azobenzene	16.22	77	712420	45.849	ng		79
64) 4,6-Dinitro-2-methylphenol	16.04	198	78244	37.351	ng		88
65) n-Nitrosodiphenylamine	16.15	169	500744	42.410	ng		98
66) 4-Bromophenyl-phenylether	16.82	248	171134	44.481	ng	#	80
67) Hexachlorobenzene	16.94	284	186195	43.309	ng	#	74
68) Atrazine	17.08	200	166620	42.902	ng		97
69) Pentachlorophenol	17.29	266	187105	70.333	ng		98
70) Phenanthrene	17.68	178	840952	42.657	ng		99
71) Anthracene	17.77	178	854047	44.114	ng		99
72) Carbazole	18.04	167	738349	40.926	ng		97
73) Di-n-butylphthalate	18.56	149	988727	40.661	ng	#	97
74) Fluoranthene	19.66	202	875495	38.630	ng		99
76) Benzidine	19.83	184	447090	49.737	ng		97
77) Pyrene	20.02	202	880683	46.081	ng		99
79) Butylbenzylphthalate	20.87	149	420922	45.563	ng	#	86
80) Benzo(a)anthracene	21.73	228	835110	42.931	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	202455	28.967	ng		99
82) Chrysene	21.78	228	772411	42.626	ng		99
83) Bis(2-ethylhexyl)phthalate	21.61	149	588621	43.122	ng		94
84) Di-n-octyl phthalate	22.53	149	978555	43.965	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.60	276	943927	56.067	ng	#	93
87) Benzo(b)fluoranthene	23.41	252	808375	40.787	ng	#	95
88) Benzo(k)fluoranthene	23.46	252	775391	40.274	ng		99
89) Benzo(a)pyrene	24.03	252	770468	44.162	ng		99
90) Dibenzo(a,h)anthracene	26.60	278	803860	51.211	ng		97
91) Benzo(g,h,i)perylene	27.36	276	747426	54.192	ng		94

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

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