Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
Data File : BM015901.D
Acq On : 12 Jul 2018 06:38
Operator : SJ/JU
Sample : PB110972BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 12 08:41:23 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 :
PB110972BS

Manual Integrations APPROVED
Sohil
7/12/2018 6:47:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	88395	20.00	ng		-0.03
21) Naphthalene-d8	11.12	136	363328	20.00	ng		-0.03
38) Acenaphthene-d10	14.91	164	192833	20.00	ng		-0.02
63) Phenanthrene-d10	17.64	188	370430	20.00	ng		-0.02
75) Chrysene-d12	21.74	240	335467	20.00	ng		-0.02
86) Perylene-d12	24.14	264	331237	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	700652	135.94	ng		-0.02
7) Phenol-d6	7.45	99	888409	125.90	ng		-0.02
23) Nitrobenzene-d5	9.48	82	633516	85.07	ng		-0.02
41) 2,4,6-Tribromophenol	16.39	330	301476	119.65	ng		-0.02
44) 2-Fluorobiphenyl	13.54	172	1293161	83.26	ng		-0.02
78) Terphenyl-d14	20.20	244	1609700	89.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	67649	31.735	ng	#	100
3) Pyridine	4.00	79	178333	31.703	ng	#	77
4) n-Nitrosodimethylamine	3.90	42	170599	38.949	ng	#	41
6) Aniline	7.62	93	166326	19.442	ng		91
8) 2-Chlorophenol	7.85	128	248411	40.156	ng		95
9) Benzaldehyde	7.42	77	150749	33.896	ng		88
10) Phenol	7.47	94	284370	40.107	ng		94
11) bis(2-Chloroethyl)ether	7.70	93	207346	35.949	ng		87
12) 1,3-Dichlorobenzene	8.17	146	259277	37.803	ng	#	91
13) 1,4-Dichlorobenzene	8.33	146	262942	37.073	ng	#	95
14) 1,2-Dichlorobenzene	8.65	146	257234	37.501	ng		92
15) Benzyl Alcohol	8.54	79	220658	36.020	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.82	45	324882	51.576	ng		98
17) 2-Methylphenol	8.74	107	196915	40.087	ng	#	86
18) Hexachloroethane	9.37	117	111176	39.642	ng		98
19) n-Nitroso-di-n-propylamine	9.10	70	187899	33.133	ng	#	75
20) 3+4-Methylphenols	9.07	107	255211	37.403	ng		89
22) Acetophenone	9.13	105	357788	37.802	ng	#	87
24) Nitrobenzene	9.52	77	298814	41.223	ng		98
25) Isophorone	10.04	82	480233	42.252	ng	#	93
26) 2-Nitrophenol	10.23	139	123606	39.601	ng	#	56
27) 2,4-Dimethylphenol	10.28	122	215391	45.424	ng	#	84
28) bis(2-Chloroethoxy)methane	10.52	93	287976	38.890	ng		98
29) 2,4-Dichlorophenol	10.77	162	225224	42.886	ng		99
30) 1,2,4-Trichlorobenzene	10.97	180	242254	39.715	ng		97
31) Naphthalene	11.17	128	744848	39.542	ng		99
32) Benzoic acid	10.45	122	126606	30.157	ng	#	85
33) 4-Chloroaniline	11.29	127	73443	9.563	ng	#	86
34) Hexachlorobutadiene	11.43	225	158310	38.889	ng		98
35) Caprolactam	12.09	113	57161m	32.820	ng		
36) 4-Chloro-3-methylphenol	12.39	107	234125	38.853	ng		88
37) 2-Methylnaphthalene	12.76	142	543491	40.559	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	258917	41.835	ng	#	100
40) Hexachlorocyclopentadiene	13.08	237	287780	97.264	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	162917	41.643	ng		99
43) 2,4,5-Trichlorophenol	13.44	196	163042	38.579	ng	#	85
45) 1,1'-Biphenyl	13.75	154	673078	40.371	ng		99
46) 2-Chloronaphthalene	13.80	162	516410	41.427	ng	#	91
47) 2-Nitroaniline	14.02	65	168194	38.692	ng	#	79
48) Acenaphthylene	14.64	152	821861	40.529	ng		99
49) Dimethylphthalate	14.36	163	635245	37.353	ng		100
50) 2,6-Dinitrotoluene	14.50	165	132033	39.818	ng	#	68
51) Acenaphthene	14.97	154	473303	37.509	ng		97
52) 3-Nitroaniline	14.83	138	66394	18.293	ng	#	74
53) 2,4-Dinitrophenol	15.04	184	112784	69.021	ng	#	78
54) Dibenzofuran	15.31	168	756434	38.904	ng	#	86
55) 4-Nitrophenol	15.13	139	191176	71.372	ng	#	76
56) 2,4-Dinitrotoluene	15.29	165	179315	37.457	ng		99
57) Fluorene	15.95	166	589043	36.737	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.53	232	139425	39.096	ng	#	100
59) Diethylphthalate	15.70	149	644322	35.355	ng		94
60) 4-Chlorophenyl-phenylether	15.93	204	292830	35.492	ng	#	86
61) 4-Nitroaniline	15.99	138	110405	29.323	ng	#	27
62) Azobenzene	16.23	77	695582	40.717	ng		80
64) 4,6-Dinitro-2-methylphenol	16.04	198	79309	35.218	ng		87
65) n-Nitrosodiphenylamine	16.15	169	494946	38.994	ng		97
66) 4-Bromophenyl-phenylether	16.82	248	169514	40.986	ng	#	78
67) Hexachlorobenzene	16.94	284	188560	40.799	ng	#	77
68) Atrazine	17.09	200	170300	40.790	ng		98
69) Pentachlorophenol	17.29	266	189257	66.178	ng		97
70) Phenanthrene	17.68	178	848883	40.056	ng		99
71) Anthracene	17.77	178	854921	41.078	ng		98
72) Carbazole	18.04	167	737835	38.045	ng		97
73) Di-n-butylphthalate	18.56	149	990207	37.881	ng	#	97
74) Fluoranthene	19.66	202	888221	36.457	ng		99
76) Benzidine	19.84	184	350408	35.651	ng		99
77) Pyrene	20.02	202	893592	42.762	ng		99
79) Butylbenzylphthalate	20.87	149	421329	41.710	ng	#	83
80) Benzo(a)anthracene	21.73	228	867168	40.771	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	177243	23.193	ng		99
82) Chrysene	21.79	228	808046	40.783	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	597944	40.063	ng		95
84) Di-n-octyl phthalate	22.53	149	993488	40.823	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.61	276	1015419m	55.161	ng		
87) Benzo(b)fluoranthene	23.41	252	827311	37.410	ng	#	97
88) Benzo(k)fluoranthene	23.46	252	828490	38.566	ng		99
89) Benzo(a)pyrene	24.04	252	809376	41.577	ng		99
90) Dibenzo(a,h)anthracene	26.61	278	863329	49.291	ng		97
91) Benzo(g,h,i)perylene	27.36	276	811708	52.744	ng		95

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

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