Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090717\
Data File : BM011463.D
Acq On : 07 Sep 2017 20:17
Operator : SJ/JU
Sample : I5105-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MSD

Manual Integrations APPROVED
Sohil
9/8/2017 3:38:24 PM

Quant Time: Sep 08 08:22:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	517794	20.00	ng		-0.01
21) Naphthalene-d8	10.79	136	2242258	20.00	ng		-0.02
38) Acenaphthene-d10	14.61	164	1204197	20.00	ng		-0.02
63) Phenanthrene-d10	17.35	188	2608762	20.00	ng		-0.01
75) Chrysene-d12	21.51	240	3141840	20.00	ng		-0.02
86) Perylene-d12	23.89	264	2989384	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	4555784	148.10	ng		0.00
7) Phenol-d6	7.13	99	5604914	131.40	ng		0.00
23) Nitrobenzene-d5	9.15	82	3514928	103.30	ng		-0.01
41) 2,4,6-Tribromophenol	16.10	330	2049691	147.12	ng		-0.01
44) 2-Fluorobiphenyl	13.23	172	7706891	92.26	ng		-0.02
78) Terphenyl-d14	19.96	244	10500390	82.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	438627	34.212	ng	#	100
3) Pyridine	3.85	79	1325611	33.763	ng	#	83
4) n-Nitrosodimethylamine	3.75	42	824080	41.107	ng	#	72
6) Aniline	7.32	93	820483	14.163	ng		92
8) 2-Chlorophenol	7.55	128	1606463	44.299	ng		90
9) Benzaldehyde	7.12	77	294056	11.860	ng		99
10) Phenol	7.16	94	1903083	40.584	ng	#	75
11) bis(2-Chloroethyl)ether	7.40	93	1757152	46.884	ng		87
12) 1,3-Dichlorobenzene	7.87	146	1569149	37.998	ng		98
13) 1,4-Dichlorobenzene	8.02	146	1620943	38.598	ng		98
14) 1,2-Dichlorobenzene	8.33	146	1565632	38.517	ng		98
15) Benzyl Alcohol	8.22	79	1265102	41.023	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	2681751	42.789	ng		92
17) 2-Methylphenol	8.42	107	1346368	44.841	ng		96
18) Hexachloroethane	9.06	117	557617	38.787	ng		94
19) n-Nitroso-di-n-propylamine	8.79	70	1291758	41.245	ng	#	87
20) 3+4-Methylphenols	8.75	107	1791573	43.005	ng		98
22) Acetophenone	8.80	105	2377712	42.675	ng	#	92
24) Nitrobenzene	9.19	77	1789070	47.717	ng		94
25) Isophorone	9.71	82	3337155	43.771	ng		93
26) 2-Nitrophenol	9.90	139	747361	46.101	ng	#	83
27) 2,4-Dimethylphenol	9.95	122	1485751	41.794	ng		96
28) bis(2-Chloroethoxy)methane	10.19	93	2176384	41.832	ng		99
29) 2,4-Dichlorophenol	10.43	162	1487363	44.719	ng		98
30) 1,2,4-Trichlorobenzene	10.65	180	1470357	39.935	ng		99
31) Naphthalene	10.84	128	4946039	40.856	ng		100
32) Benzoic acid	10.07	122	722784	32.413	ng		98
33) 4-Chloroaniline	11.00	127	1720566m	32.488	ng		
34) Hexachlorobutadiene	11.12	225	810517	38.636	ng		97
35) Caprolactam	11.75	113	380777m	31.789	ng		
36) 4-Chloro-3-methylphenol	12.06	107	1575688	40.336	ng		89
37) 2-Methylnaphthalene	12.44	142	3615044	42.903	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.80	216	1576846	43.513	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	1854162	111.613	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.04	196	1080810	45.056	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	1156425	47.468	ng	#	88
45) 1,1'-Biphenyl	13.44	154	4393538	41.097	ng		97
46) 2-Chloronaphthalene	13.49	162	3334078	41.983	ng		95
47) 2-Nitroaniline	13.69	65	1176376	46.835	ng	#	81
48) Acenaphthylene	14.33	152	5351642	43.249	ng		100
49) Dimethylphthalate	14.06	163	4109455	42.948	ng		99
50) 2,6-Dinitrotoluene	14.18	165	849289	46.876	ng	#	85
51) Acenaphthene	14.67	154	3325005	41.381	ng		99
52) 3-Nitroaniline	14.52	138	973720	41.377	ng		83
53) 2,4-Dinitrophenol	14.72	184	521726	69.357	ng		92
54) Dibenzofuran	15.01	168	5095948	45.995	ng		96
55) 4-Nitrophenol	14.82	139	1493302	81.538	ng	#	50
56) 2,4-Dinitrotoluene	14.97	165	1161698	45.676	ng	#	83
57) Fluorene	15.66	166	4226849	43.759	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.23	232	1007382	51.101	ng	#	100
59) Diethylphthalate	15.42	149	4219632	42.801	ng		98
60) 4-Chlorophenyl-phenylether	15.64	204	1974780	43.831	ng		95
61) 4-Nitroaniline	15.67	138	1033419	42.244	ng		81
62) Azobenzene	15.94	77	4301137	48.409	ng		91
64) 4,6-Dinitro-2-methylphenol	15.73	198	436888	44.264	ng		89
65) n-Nitrosodiphenylamine	15.86	169	3579510	43.544	ng		98
66) 4-Bromophenyl-phenylether	16.54	248	1193442	43.492	ng	#	91
67) Hexachlorobenzene	16.66	284	1283029	39.843	ng	#	92
68) Atrazine	16.80	200	1110122	46.078	ng		98
69) Pentachlorophenol	17.00	266	1684070	95.260	ng		98
70) Phenanthrene	17.39	178	6601530	45.439	ng		98
71) Anthracene	17.49	178	6663853	45.614	ng		99
72) Carbazole	17.75	167	6310334	44.822	ng		99
73) Di-n-butylphthalate	18.30	149	7448440	45.538	ng		100
74) Fluoranthene	19.40	202	7597843	45.833	ng		95
76) Benzidine	19.58	184	8812129	142.111	ng		99
77) Pyrene	19.76	202	7994838	41.526	ng		98
79) Butylbenzylphthalate	20.64	149	3659164	43.022	ng		93
80) Benzo(a)anthracene	21.50	228	7830578	44.562	ng		98
81) 3,3'-Dichlorobenzidine	21.43	252	2126083	31.869	ng		98
82) Chrysene	21.55	228	7308910	44.129	ng		97
83) Bis(2-ethylhexyl)phthalate	21.41	149	5535754	44.395	ng		99
84) Di-n-octyl phthalate	22.33	149	9664989	45.980	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.34	276	8148702	52.743	ng	#	88
87) Benzo(b)fluoranthene	23.17	252	8033654	43.773	ng		99
88) Benzo(k)fluoranthene	23.22	252	7893578	44.858	ng		98
89) Benzo(a)pyrene	23.79	252	7607789	45.959	ng	#	97
90) Dibenzo(a,h)anthracene	26.35	278	6793649	47.955	ng		99
91) Benzo(g,h,i)perylene	27.09	276	6415537	46.859	ng		99

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

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