Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
Data File : BM011354.D
Acq On : 25 Aug 2017 21:29
Operator : SJ/JU
Sample : I4943-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Manual Integrations APPROVED
Sohil
8/28/2017 3:17:36 PM

Quant Time: Aug 26 01:08:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	118603	20.00	ng		-0.02
21) Naphthalene-d8	10.02	136	451292	20.00	ng		-0.03
38) Acenaphthene-d10	13.93	164	340251	20.00	ng		-0.02
63) Phenanthrene-d10	16.69	188	952894	20.00	ng		-0.02
75) Chrysene-d12	20.92	240	1329002	20.00	ng		-0.02
86) Perylene-d12	22.99	264	1195909	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	905903	129.12	ng		-0.02
7) Phenol-d6	6.47	99	1231951	123.58	ng		-0.02
23) Nitrobenzene-d5	8.41	82	1321412	109.89	ng		-0.03
41) 2,4,6-Tribromophenol	15.44	330	741698	136.00	ng		-0.02
44) 2-Fluorobiphenyl	12.54	172	2276555	83.91	ng		-0.02
78) Terphenyl-d14	19.37	244	4953692	73.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	136516	43.336	ng	#	100
3) Pyridine	3.29	79	397335	46.177	ng	#	87
4) n-Nitrosodimethylamine	3.20	42	256394	58.471	ng	#	63
6) Aniline	6.62	93	375001	29.848	ng	#	79
8) 2-Chlorophenol	6.84	128	269633	37.853	ng	#	60
9) Benzaldehyde	6.42	77	218343	33.852	ng	#	65
10) Phenol	6.50	94	427456	39.479	ng		85
11) bis(2-Chloroethyl)ether	6.72	93	369228	43.766	ng	#	81
12) 1,3-Dichlorobenzene	7.15	146	321228	37.003	ng	#	69
13) 1,4-Dichlorobenzene	7.30	146	328089	36.870	ng	#	85
14) 1,2-Dichlorobenzene	7.61	146	315688	37.105	ng	#	89
15) Benzyl Alcohol	7.52	79	497027	51.974	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.79	45	411082	54.149	ng		85
17) 2-Methylphenol	7.72	107	289148	41.784	ng	#	67
18) Hexachloroethane	8.32	117	158346	40.805	ng	#	73
19) n-Nitroso-di-n-propylamine	8.07	70	448993	53.003	ng	#	91
20) 3+4-Methylphenols	8.05	107	396644	41.234	ng	#	76
22) Acetophenone	8.09	105	595155	43.995	ng	#	86
24) Nitrobenzene	8.45	77	665098	53.378	ng	#	79
25) Isophorone	8.97	82	1041116	51.930	ng	#	81
26) 2-Nitrophenol	9.16	139	162269	40.929	ng	#	10
27) 2,4-Dimethylphenol	9.23	122	289666	41.504	ng	#	58
28) bis(2-Chloroethoxy)methane	9.47	93	525929	47.034	ng	#	95
29) 2,4-Dichlorophenol	9.69	162	338490	43.160	ng		82
30) 1,2,4-Trichlorobenzene	9.89	180	423218	43.644	ng		98
31) Naphthalene	10.07	128	944708	41.612	ng		98
32) Benzoic acid	9.39	122	176327	31.431	ng	#	34
33) 4-Chloroaniline	10.20	127	142426	15.726	ng	#	58
34) Hexachlorobutadiene	10.36	225	343397	44.962	ng		97
35) Caprolactam	10.99	113	80824m	36.340	ng		
36) 4-Chloro-3-methylphenol	11.34	107	442860	43.732	ng	#	72
37) 2-Methylnaphthalene	11.69	142	752831	45.139	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.08	216	586491	40.120	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	768918	90.270	ng		98

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42) 2,4,6-Trichlorophenol	12.34	196	359977	40.685	ng		96
43) 2,4,5-Trichlorophenol	12.42	196	374101	41.052	ng	#	85
45) 1,1'-Biphenyl	12.75	154	1080571	36.728	ng		94
46) 2-Chloronaphthalene	12.79	162	861690	39.751	ng	#	93
47) 2-Nitroaniline	13.01	65	445569	58.102	ng	#	55
48) Acenaphthylene	13.65	152	1326263	40.997	ng		100
49) Dimethylphthalate	13.42	163	1179966	40.539	ng	#	98
50) 2,6-Dinitrotoluene	13.53	165	251644	42.753	ng	#	36
51) Acenaphthene	14.00	154	819222	40.898	ng		100
52) 3-Nitroaniline	13.86	138	193477	37.879	ng	#	14
53) 2,4-Dinitrophenol	14.07	184	372552	89.061	ng	#	74
54) Dibenzofuran	14.34	168	1481319	45.641	ng	#	90
55) 4-Nitrophenol	14.19	139	287668	64.104	ng	#	55
56) 2,4-Dinitrotoluene	14.33	165	380300	46.024	ng	#	63
57) Fluorene	14.99	166	1218684	43.126	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.57	232	418198	48.960	ng	#	100
59) Diethylphthalate	14.80	149	1255646	42.240	ng		98
60) 4-Chlorophenyl-phenylether	15.00	204	738812	43.304	ng		98
61) 4-Nitroaniline	15.04	138	203088	37.434	ng	#	1
62) Azobenzene	15.30	77	1959507	61.592	ng		84
64) 4,6-Dinitro-2-methylphenol	15.09	198	267470	41.462	ng		85
65) n-Nitrosodiphenylamine	15.22	169	1091559	40.027	ng		99
66) 4-Bromophenyl-phenylether	15.90	248	492856	40.234	ng	#	89
67) Hexachlorobenzene	16.00	284	518511	37.458	ng	#	87
68) Atrazine	16.20	200	493814	45.186	ng		95
69) Pentachlorophenol	16.35	266	713206	81.156	ng		96
70) Phenanthrene	16.73	178	2263950	45.374	ng		99
71) Anthracene	16.83	178	2251877	45.253	ng		100
72) Carbazole	17.11	167	1970701	45.285	ng		100
73) Di-n-butylphthalate	17.70	149	2296823	43.340	ng	#	96
74) Fluoranthene	18.77	202	3102316	50.173	ng		98
76) Benzidine	18.99	184	1219346	38.352	ng		98
77) Pyrene	19.14	202	3230963	40.915	ng		99
79) Butylbenzylphthalate	20.09	149	1143674	40.728	ng	#	57
80) Benzo(a)anthracene	20.91	228	3337630	43.983	ng		100
81) 3,3'-Dichlorobenzidine	20.86	252	905119	30.404	ng	#	95
82) Chrysene	20.96	228	3154955	43.312	ng		100
83) Bis(2-ethylhexyl)phthalate	20.87	149	1629580	39.447	ng		100
84) Di-n-octyl phthalate	21.72	149	2807686	41.876	ng	#	93
85) Indeno(1,2,3-cd)pyrene	25.00	276	3274758	43.409	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	3198760	41.675	ng	#	91
88) Benzo(k)fluoranthene	22.43	252	3186387	43.313	ng	#	94
89) Benzo(a)pyrene	22.90	252	3070717	44.213	ng	#	96
90) Dibenzo(a,h)anthracene	25.01	278	2697880	41.902	ng	#	89
91) Benzo(g,h,i)perylene	25.60	276	2696270	42.647	ng	#	84

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

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