Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015773.D
Acq On : 05 Jul 2018 18:39
Operator : SJ/JU
Sample : J3814-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
8782-AAMS

Manual Integrations APPROVED
Sohil
7/6/2018 5:21:43 PM

Quant Time: Jul 06 07:03:29 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	118823	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	507757	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	297532	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	672549	20.00	ng		0.00
75) Chrysene-d12	21.77	240	723908	20.00	ng		0.00
86) Perylene-d12	24.17	264	639924	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	917948	132.49	ng		0.00
7) Phenol-d6	7.47	99	1083647	114.24	ng		0.00
23) Nitrobenzene-d5	9.50	82	931121	89.47	ng		0.00
41) 2,4,6-Tribromophenol	16.42	330	587221	151.05	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	2081341	86.85	ng		0.00
78) Terphenyl-d14	20.22	244	3593855	92.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	91648	31.983	ng	#	100
3) Pyridine	4.03	79	211696	27.996	ng	#	80
4) n-Nitrosodimethylamine	3.93	42	210302	35.718	ng	#	43
6) Aniline	7.64	93	158464	13.780	ng		91
8) 2-Chlorophenol	7.87	128	354645	42.649	ng		96
9) Benzaldehyde	7.45	77	151344	25.315	ng		91
10) Phenol	7.50	94	345058	36.204	ng		91
11) bis(2-Chloroethyl)ether	7.73	93	301337	38.867	ng		88
12) 1,3-Dichlorobenzene	8.20	146	370879	40.227	ng	#	91
13) 1,4-Dichlorobenzene	8.35	146	378831	39.735	ng		96
14) 1,2-Dichlorobenzene	8.67	146	369210	40.042	ng		95
15) Benzyl Alcohol	8.56	79	332143	40.334	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.85	45	473830	55.959	ng		100
17) 2-Methylphenol	8.76	107	275797	41.768	ng	#	88
18) Hexachloroethane	9.40	117	156183	41.429	ng		93
19) n-Nitroso-di-n-propylamine	9.13	70	283045	37.130	ng	#	79
20) 3+4-Methylphenols	9.09	107	369576	40.294	ng		90
22) Acetophenone	9.16	105	537150	40.609	ng	#	89
24) Nitrobenzene	9.55	77	434445	42.886	ng		98
25) Isophorone	10.07	82	745205	46.915	ng	#	95
26) 2-Nitrophenol	10.26	139	190199	43.603	ng	#	65
27) 2,4-Dimethylphenol	10.30	122	325430	49.109	ng		88
28) bis(2-Chloroethoxy)methane	10.54	93	437580	42.285	ng		97
29) 2,4-Dichlorophenol	10.79	162	346827	47.256	ng		99
30) 1,2,4-Trichlorobenzene	11.00	180	363120	42.597	ng		96
31) Naphthalene	11.19	128	1109643	42.151	ng		100
32) Benzoic acid	10.49	122	197895	33.730	ng		92
33) 4-Chloroaniline	11.32	127	45156	4.207	ng	#	83
34) Hexachlorobutadiene	11.45	225	235591	41.411	ng		95
35) Caprolactam	12.11	113	71528m	29.387	ng		
36) 4-Chloro-3-methylphenol	12.42	107	375475	44.587	ng		90
37) 2-Methylnaphthalene	12.78	142	833180	44.491	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	415110	43.470	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	443245	97.109	ng		98

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42) 2,4,6-Trichlorophenol	13.38	196	274737	45.514	ng		98
43) 2,4,5-Trichlorophenol	13.46	196	291646	44.726	ng	#	83
45) 1,1'-Biphenyl	13.77	154	1072576	41.695	ng		99
46) 2-Chloronaphthalene	13.82	162	822581	42.768	ng	#	91
47) 2-Nitroaniline	14.03	65	285400	42.551	ng		81
48) Acenaphthylene	14.66	152	1350839	43.174	ng		99
49) Dimethylphthalate	14.39	163	1082935	41.270	ng		99
50) 2,6-Dinitrotoluene	14.52	165	226067	44.186	ng	#	75
51) Acenaphthene	15.00	154	777660	39.942	ng		97
52) 3-Nitroaniline	14.85	138	74435	13.292	ng	#	77
53) 2,4-Dinitrophenol	15.07	184	244821	94.255	ng	#	91
54) Dibenzofuran	15.33	168	1273560	42.451	ng	#	88
55) 4-Nitrophenol	15.15	139	334889	81.029	ng	#	70
56) 2,4-Dinitrotoluene	15.30	165	323846	43.843	ng		95
57) Fluorene	15.97	166	1046116	42.285	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.55	232	255678	46.466	ng	#	100
59) Diethylphthalate	15.73	149	1148542	40.845	ng		97
60) 4-Chlorophenyl-phenylether	15.96	204	522064	41.010	ng		91
61) 4-Nitroaniline	16.01	138	208557	35.900	ng	#	38
62) Azobenzene	16.25	77	1181724	44.832	ng		83
64) 4,6-Dinitro-2-methylphenol	16.07	198	166222	40.655	ng		90
65) n-Nitrosodiphenylamine	16.17	169	893548	38.774	ng		99
66) 4-Bromophenyl-phenylether	16.84	248	317434	42.273	ng	#	86
67) Hexachlorobenzene	16.97	284	344847	41.097	ng	#	83
68) Atrazine	17.11	200	334553	44.136	ng		99
69) Pentachlorophenol	17.31	266	396034	76.274	ng		100
70) Phenanthrene	17.70	178	1584422	41.178	ng		99
71) Anthracene	17.79	178	1621745	42.919	ng		99
72) Carbazole	18.06	167	1466262	41.642	ng		98
73) Di-n-butylphthalate	18.58	149	1972448	41.560	ng	#	98
74) Fluoranthene	19.68	202	1846827	41.752	ng		99
76) Benzidine	19.86	184	270811	12.768	ng		99
77) Pyrene	20.04	202	1880672	41.706	ng		99
79) Butylbenzylphthalate	20.89	149	931247	42.722	ng	#	86
80) Benzo(a)anthracene	21.75	228	1944586	42.368	ng		100
81) 3,3'-Dichlorobenzidine	21.67	252	230247	13.962	ng		99
82) Chrysene	21.80	228	1795257	41.989	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	1356064	42.104	ng		96
84) Di-n-octyl phthalate	22.56	149	2258780	43.011	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.66	276	1690171	42.548	ng	#	93
87) Benzo(b)fluoranthene	23.44	252	1772461	41.486	ng	#	96
88) Benzo(k)fluoranthene	23.49	252	1769829	42.644	ng		98
89) Benzo(a)pyrene	24.07	252	1650903	43.897	ng		99
90) Dibenzo(a,h)anthracene	26.66	278	1452973	42.939	ng		97
91) Benzo(g,h,i)perylene	27.42	276	1282504	43.137	ng	#	94

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

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