Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
Data File : BM010910.D
Acq On : 20 Jul 2017 16:00
Operator : SJ/JU
Sample : IDOC-W-4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDOC-W-4

Manual Integrations APPROVED
Sohil
7/21/2017 1:28:36 PM

Quant Time: Jul 21 03:56:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	289493	20.00	ng		-0.01
21) Naphthalene-d8	10.20	136	1196119	20.00	ng		-0.01
38) Acenaphthene-d10	14.09	164	811556	20.00	ng		0.00
63) Phenanthrene-d10	16.84	188	2032781	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1866601	20.00	ng		0.00
86) Perylene-d12	23.19	264	1297538	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	2416555	138.28	ng		0.00
7) Phenol-d6	6.64	99	3240678	134.51	ng		0.00
23) Nitrobenzene-d5	8.59	82	2433892	78.21	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1620024	130.62	ng		0.00
44) 2-Fluorobiphenyl	12.70	172	5255274	80.56	ng		0.00
78) Terphenyl-d14	19.50	244	7931897	82.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	238686	30.952	ng	#	100
3) Pyridine	3.46	79	685660	32.529	ng	#	88
4) n-Nitrosodimethylamine	3.38	42	411893	38.235	ng	#	76
6) Aniline	6.79	93	1104646	36.601	ng		94
8) 2-Chlorophenol	7.02	128	745773	43.101	ng		86
9) Benzaldehyde	6.60	77	437866	26.174	ng		88
10) Phenol	6.67	94	1136806	44.628	ng		93
11) bis(2-Chloroethyl)ether	6.89	93	785095	40.018	ng		95
12) 1,3-Dichlorobenzene	7.33	146	818869	38.295	ng	#	87
13) 1,4-Dichlorobenzene	7.47	146	835778	37.875	ng	#	92
14) 1,2-Dichlorobenzene	7.79	146	813115	38.669	ng	#	90
15) Benzyl Alcohol	7.69	79	998726	43.778	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.97	45	723605	42.543	ng		80
17) 2-Methylphenol	7.89	107	753768	45.754	ng	#	82
18) Hexachloroethane	8.50	117	353300	38.171	ng	#	80
19) n-Nitroso-di-n-propylamine	8.25	70	768967	40.292	ng		93
20) 3+4-Methylphenols	8.22	107	990740	43.286	ng		84
22) Acetophenone	8.26	105	1370296	38.049	ng	#	94
24) Nitrobenzene	8.63	77	1216096	38.132	ng		92
25) Isophorone	9.15	82	2036974	39.957	ng	#	88
26) 2-Nitrophenol	9.33	139	422570	39.820	ng	#	31
27) 2,4-Dimethylphenol	9.40	122	758375	40.040	ng	#	75
28) bis(2-Chloroethoxy)methane	9.64	93	1151796	40.304	ng		96
29) 2,4-Dichlorophenol	9.86	162	873986	40.849	ng		95
30) 1,2,4-Trichlorobenzene	10.07	180	1000363	38.245	ng		96
31) Naphthalene	10.25	128	2385512	39.223	ng		99
32) Benzoic acid	9.56	122	558385	37.574	ng	#	62
33) 4-Chloroaniline	10.37	127	361052	14.735	ng	#	77
34) Hexachlorobutadiene	10.54	225	760302	37.461	ng		98
35) Caprolactam	11.17	113	244545m	42.931	ng		
36) 4-Chloro-3-methylphenol	11.50	107	1032059	39.878	ng	#	76
37) 2-Methylnaphthalene	11.87	142	1853789	42.436	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1294105	36.583	ng	#	100
40) Hexachlorocyclopentadiene	12.23	237	1987622	98.014	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.50	196	837253	38.437	ng		99
43) 2,4,5-Trichlorophenol	12.57	196	886779	41.235	ng	#	91
45) 1,1'-Biphenyl	12.92	154	2538934	35.910	ng		98
46) 2-Chloronaphthalene	12.95	162	2027553	39.110	ng		94
47) 2-Nitroaniline	13.17	65	757899	44.472	ng	#	73
48) Acenaphthylene	13.81	152	3056576	39.641	ng		100
49) Dimethylphthalate	13.57	163	2729284	39.531	ng	#	99
50) 2,6-Dinitrotoluene	13.68	165	575895	42.525	ng	#	59
51) Acenaphthene	14.16	154	1846535	39.192	ng		99
52) 3-Nitroaniline	14.01	138	409782	33.286	ng	#	55
53) 2,4-Dinitrophenol	14.22	184	778675	83.178	ng	#	89
54) Dibenzofuran	14.50	168	3217196	42.213	ng	#	91
55) 4-Nitrophenol	14.34	139	823642	77.032	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	813324	43.282	ng		96
57) Fluorene	15.15	166	2654152	40.512	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.73	232	890000	44.540	ng	#	100
59) Diethylphthalate	14.95	149	2759153	40.465	ng		98
60) 4-Chlorophenyl-phenylether	15.15	204	1592004	39.558	ng		96
61) 4-Nitroaniline	15.19	138	528077	41.039	ng	#	1
62) Azobenzene	15.44	77	3178689	45.909	ng		89
64) 4,6-Dinitro-2-methylphenol	15.24	198	519215	38.735	ng		93
65) n-Nitrosodiphenylamine	15.37	169	2300727	39.554	ng		99
66) 4-Bromophenyl-phenylether	16.05	248	1059764	41.137	ng	#	94
67) Hexachlorobenzene	16.16	284	1087208	36.907	ng	#	92
68) Atrazine	16.34	200	969211	40.236	ng		97
69) Pentachlorophenol	16.50	266	1401976	74.240	ng		98
70) Phenanthrene	16.89	178	4326736	40.914	ng		99
71) Anthracene	16.98	178	4324530	41.197	ng		99
72) Carbazole	17.26	167	3571787	38.634	ng		99
73) Di-n-butylphthalate	17.84	149	4476520	40.927	ng	#	97
74) Fluoranthene	18.92	202	5129790	39.167	ng		98
76) Benzidine	19.12	184	2471148	49.472	ng		99
77) Pyrene	19.29	202	5177445	47.846	ng		99
79) Butylbenzylphthalate	20.22	149	1806782	47.691	ng	#	70
80) Benzo(a)anthracene	21.04	228	4454310	41.183	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	1208090	28.407	ng	#	96
82) Chrysene	21.10	228	4122717	40.024	ng		99
83) Bis(2-ethylhexyl)phthalate	21.00	149	2430168	44.050	ng	#	99
84) Di-n-octyl phthalate	21.86	149	3545842	39.228	ng		100
85) Indeno(1,2,3-cd)pyrene	25.29	276	3447817	29.190	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	3623685	43.966	ng	#	93
88) Benzo(k)fluoranthene	22.60	252	3458425	43.931	ng	#	95
89) Benzo(a)pyrene	23.10	252	3276260	43.671	ng	#	96
90) Dibenzo(a,h)anthracene	25.30	278	2866416	39.366	ng	#	91
91) Benzo(g,h,i)perylene	25.93	276	2845076	39.749	ng	#	85

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

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