Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
Data File : BM010914.D
Acq On : 20 Jul 2017 18:27
Operator : SJ/JU
Sample : I4248-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-3-COMP-(0-8)MS

Quant Time: Jul 21 03:03:06 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	225664	20.00	ng		-0.01
21) Naphthalene-d8	10.20	136	949051	20.00	ng		-0.01
38) Acenaphthene-d10	14.09	164	676803	20.00	ng		0.00
63) Phenanthrene-d10	16.84	188	1744696	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1529857	20.00	ng		0.00
86) Perylene-d12	23.19	264	1202480	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1770620	129.97	ng		0.00
7) Phenol-d6	6.64	99	2190489	116.64	ng		0.00
23) Nitrobenzene-d5	8.59	82	2087639	84.55	ng		0.00
41) 2,4,6-Tribromophenol	15.59	330	1528717	147.80	ng		0.00
44) 2-Fluorobiphenyl	12.70	172	4754070	87.38	ng		0.00
78) Terphenyl-d14	19.50	244	7553935	95.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	188218	31.311	ng	#	100
3) Pyridine	3.48	79	530089	32.262	ng		88
4) n-Nitrosodimethylamine	3.39	42	328177	39.080	ng	#	66
6) Aniline	6.79	93	722229	30.699	ng		94
8) 2-Chlorophenol	7.02	128	578373	42.881	ng		83
9) Benzaldehyde	6.60	77	206269	15.818	ng		87
10) Phenol	6.66	94	749285	37.735	ng		98
11) bis(2-Chloroethyl)ether	6.89	93	633126	41.400	ng		97
12) 1,3-Dichlorobenzene	7.33	146	597404	35.840	ng	#	82
13) 1,4-Dichlorobenzene	7.47	146	627135	36.458	ng	#	93
14) 1,2-Dichlorobenzene	7.79	146	590508	36.026	ng	#	88
15) Benzyl Alcohol	7.69	79	826005	46.448	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.96	45	580318	43.769	ng		78
17) 2-Methylphenol	7.89	107	571030	44.466	ng	#	77
18) Hexachloroethane	8.50	117	258397	35.814	ng	#	78
19) n-Nitroso-di-n-propylamine	8.25	70	648626	43.600	ng		96
20) 3+4-Methylphenols	8.22	107	778989	43.661	ng	#	82
22) Acetophenone	8.26	105	1139443	39.875	ng	#	97
24) Nitrobenzene	8.63	77	1033002	40.823	ng	#	87
25) Isophorone	9.15	82	1748377	43.224	ng	#	87
26) 2-Nitrophenol	9.33	139	355893	42.267	ng	#	22
27) 2,4-Dimethylphenol	9.40	122	620094	41.262	ng	#	72
28) bis(2-Chloroethoxy)methane	9.64	93	980808	43.256	ng		99
29) 2,4-Dichlorophenol	9.86	162	730545	43.034	ng		93
30) 1,2,4-Trichlorobenzene	10.07	180	808176	38.942	ng		98
31) Naphthalene	10.25	128	1965640	40.733	ng		99
32) Benzoic acid	9.53	122	304650	25.837	ng	#	73
33) 4-Chloroaniline	10.37	127	195406	10.051	ng	#	77
34) Hexachlorobutadiene	10.53	225	605828	37.621	ng		99
35) Caprolactam	11.16	113	156069	34.532	ng	#	82
36) 4-Chloro-3-methylphenol	11.51	107	890184	43.350	ng	#	77
37) 2-Methylnaphthalene	11.87	142	1571327	45.335	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.25	216	1134425	38.454	ng	#	100
40) Hexachlorocyclopentadiene	12.23	237	1514019	89.525	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.50	196	731276	40.256	ng		96
43) 2,4,5-Trichlorophenol	12.57	196	764267	42.614	ng	#	88
45) 1,1'-Biphenyl	12.92	154	2296016	38.940	ng		97
46) 2-Chloronaphthalene	12.95	162	1775089	41.057	ng	#	93
47) 2-Nitroaniline	13.17	65	686285	48.288	ng	#	73
48) Acenaphthylene	13.81	152	2812727	43.742	ng		99
49) Dimethylphthalate	13.57	163	2452487	42.594	ng	#	98
50) 2,6-Dinitrotoluene	13.68	165	517160	45.792	ng	#	58
51) Acenaphthene	14.16	154	1714426	43.633	ng		99
52) 3-Nitroaniline	14.01	138	330645	32.205	ng	#	50
53) 2,4-Dinitrophenol	14.22	184	52904	6.776	ng		84
54) Dibenzofuran	14.49	168	3019177	47.503	ng	#	87
55) 4-Nitrophenol	14.33	139	592503	66.448	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	745553	47.575	ng	#	94
57) Fluorene	15.15	166	2502472	45.802	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	806227	48.381	ng	#	100
59) Diethylphthalate	14.95	149	2622995	46.127	ng		99
60) 4-Chlorophenyl-phenylether	15.15	204	1484603	44.234	ng		96
61) 4-Nitroaniline	15.18	138	467666	43.580	ng	#	1
62) Azobenzene	15.45	77	3019082	52.286	ng		89
64) 4,6-Dinitro-2-methylphenol	15.24	198	80935	7.035	ng		91
65) n-Nitrosodiphenylamine	15.37	169	2172082	43.509	ng		98
66) 4-Bromophenyl-phenylether	16.04	248	1005760	45.487	ng	#	86
67) Hexachlorobenzene	16.16	284	1043677	41.279	ng	#	91
68) Atrazine	16.34	200	908824	43.959	ng		94
69) Pentachlorophenol	16.50	266	1060367	65.422	ng		99
70) Phenanthrene	16.89	178	4223027	46.528	ng		100
71) Anthracene	16.98	178	4186343	46.465	ng		99
72) Carbazole	17.26	167	3367647	42.441	ng		99
73) Di-n-butylphthalate	17.84	149	4190333	44.636	ng	#	96
74) Fluoranthene	18.92	202	4846586	43.115	ng		99
76) Benzidine	19.13	184	7347754	179.479	ng		99
77) Pyrene	19.29	202	4761991	53.694	ng		100
79) Butylbenzylphthalate	20.22	149	1570815	50.590	ng	#	70
80) Benzo(a)anthracene	21.04	228	4035719	45.526	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	1008760	28.941	ng	#	96
82) Chrysene	21.10	228	3732476	44.211	ng		99
83) Bis(2-ethylhexyl)phthalate	21.00	149	2074959	45.890	ng		100
84) Di-n-octyl phthalate	21.86	149	3038761	41.018	ng		100
85) Indeno(1,2,3-cd)pyrene	25.29	276	3799879	39.252	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	3430082	44.907	ng	#	92
88) Benzo(k)fluoranthene	22.60	252	3369866	46.190	ng	#	94
89) Benzo(a)pyrene	23.10	252	3216134	46.259	ng	#	97
90) Dibenzo(a,h)anthracene	25.31	278	3140116	46.535	ng	#	92
91) Benzo(g,h,i)perylene	25.93	276	3119755	47.032	ng	#	86

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

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