Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
Data File : BM016630.D
Acq On : 28 Aug 2018 06:27
Operator : SJ/JU
Sample : PB112404BSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB112404BSD

Quant Time: Aug 28 07:55:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	109794	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	416389	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	309423	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	955546	20.00	ng		0.00
75) Chrysene-d12	21.53	240	1230685	20.00	ng		0.00
86) Perylene-d12	23.81	264	1141615	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	523523	93.44	ng		0.00
7) Phenol-d6	7.18	99	650997	87.80	ng		0.00
23) Nitrobenzene-d5	9.19	82	929850	101.96	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	847418	97.97	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	3536024	109.85	ng		0.00
78) Terphenyl-d14	19.97	244	6899865	118.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	115954	37.460	ng	#	100
3) Pyridine	3.80	79	226136	35.113	ng	#	79
4) n-Nitrosodimethylamine	3.72	42	140909	49.113	ng	#	72
6) Aniline	7.34	93	216294	26.070	ng	#	85
8) 2-Chlorophenol	7.56	128	297599	44.638	ng		97
9) Benzaldehyde	7.16	77	165659	32.195	ng		86
10) Phenol	7.20	94	315977	43.094	ng		85
11) bis(2-Chloroethyl)ether	7.43	93	220809	40.160	ng		100
12) 1,3-Dichlorobenzene	7.88	146	347776	39.344	ng	#	84
13) 1,4-Dichlorobenzene	8.03	146	360567	39.748	ng		96
14) 1,2-Dichlorobenzene	8.35	146	355363	39.874	ng		96
15) Benzyl Alcohol	8.26	79	317827	46.161	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.51	45	150329	39.707	ng	#	44
17) 2-Methylphenol	8.46	107	224366	42.256	ng	#	72
18) Hexachloroethane	9.06	117	194171	46.463	ng	#	36
19) n-Nitroso-di-n-propylamine	8.82	70	238088	40.958	ng	#	86
20) 3+4-Methylphenols	8.80	107	303901	41.396	ng	#	84
22) Acetophenone	8.85	105	461079	45.985	ng	#	97
24) Nitrobenzene	9.23	77	420326	46.130	ng		92
25) Isophorone	9.75	82	649772	53.311	ng	#	93
26) 2-Nitrophenol	9.94	139	174834	44.882	ng	#	41
27) 2,4-Dimethylphenol	9.99	122	266731	52.543	ng	#	73
28) bis(2-Chloroethoxy)methane	10.22	93	343335	47.189	ng		99
29) 2,4-Dichlorophenol	10.47	162	403997	53.174	ng		95
30) 1,2,4-Trichlorobenzene	10.67	180	630024	54.649	ng	#	96
31) Naphthalene	10.86	128	956258	48.202	ng		99
32) Benzoic acid	10.22	122	162811	38.332	ng	#	78
33) 4-Chloroaniline	11.00	127	107098	12.828	ng	#	79
34) Hexachlorobutadiene	11.10	225	642438	58.385	ng		96
35) Caprolactam	11.83	113	65537	35.949	ng	#	66
36) 4-Chloro-3-methylphenol	12.12	107	329224	45.074	ng		93
37) 2-Methylnaphthalene	12.46	142	822316	52.948	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	977474	55.934	ng	#	100
40) Hexachlorocyclopentadiene	12.78	237	1202971	124.743	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	565761	54.139	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	544646	53.356	ng	#	96
45) 1,1'-Biphenyl	13.47	154	1161004	42.791	ng		98
46) 2-Chloronaphthalene	13.53	162	975427	44.252	ng		98
47) 2-Nitroaniline	13.76	65	248345	42.299	ng		89
48) Acenaphthylene	14.37	152	1453597	46.717	ng		98
49) Dimethylphthalate	14.11	163	1384852	46.585	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	261859	45.161	ng	#	78
51) Acenaphthene	14.71	154	849389	44.434	ng		97
52) 3-Nitroaniline	14.59	138	104590	19.824	ng	#	64
53) 2,4-Dinitrophenol	14.82	184	231834	79.897	ng	#	71
54) Dibenzofuran	15.04	168	1758179	48.047	ng		92
55) 4-Nitrophenol	14.91	139	237927	70.706	ng	#	82
56) 2,4-Dinitrotoluene	15.04	165	428215	44.289	ng	#	97
57) Fluorene	15.69	166	1410498	51.025	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	548060	55.861	ng	#	100
59) Diethylphthalate	15.46	149	1335641	43.091	ng		94
60) 4-Chlorophenyl-phenylether	15.67	204	1216951	52.495	ng	#	85
61) 4-Nitroaniline	15.76	138	165125	32.025	ng	#	1
62) Azobenzene	15.97	77	1576838	47.762	ng		90
64) 4,6-Dinitro-2-methylphenol	15.82	198	258584	35.615	ng	#	58
65) n-Nitrosodiphenylamine	15.90	169	1181479	43.951	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	752149	51.228	ng		96
67) Hexachlorobenzene	16.69	284	827044	48.302	ng		94
68) Atrazine	16.85	200	702624	57.273	ng		91
69) Pentachlorophenol	17.04	266	710467	78.422	ng		99
70) Phenanthrene	17.43	178	2347730	47.537	ng		98
71) Anthracene	17.52	178	2420831	49.362	ng		99
72) Carbazole	17.80	167	1643026	37.280	ng		98
73) Di-n-butylphthalate	18.32	149	2187282	40.707	ng	#	97
74) Fluoranthene	19.43	202	3409558	47.084	ng		94
76) Benzidine	19.62	184	973384	41.128	ng		99
77) Pyrene	19.79	202	3410137	50.987	ng		100
79) Butylbenzylphthalate	20.66	149	993196	43.021	ng	#	75
80) Benzo(a)anthracene	21.52	228	3520901	48.662	ng		99
81) 3,3'-Dichlorobenzidine	21.44	252	731955	22.727	ng	#	96
82) Chrysene	21.57	228	3187087	46.166	ng		99
83) Bis(2-ethylhexyl)phthalate	21.40	149	1449593	42.237	ng	#	93
84) Di-n-octyl phthalate	22.29	149	2326081	40.784	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.12	276	3933100	39.616	ng	#	91
87) Benzo(b)fluoranthene	23.12	252	3539198	53.780	ng	#	90
88) Benzo(k)fluoranthene	23.16	252	3272523	48.873	ng	#	93
89) Benzo(a)pyrene	23.71	252	3256891	50.863	ng	#	94
90) Dibenzo(a,h)anthracene	26.11	278	3303854	46.039	ng	#	87
91) Benzo(g,h,i)perylene	26.83	276	2993141	46.465	ng	#	80

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

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