Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101537.D
Acq On : 19 Dec 2017 21:57
Operator : SJ/JU
Sample : I6975-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12000MS

Manual Integrations APPROVED
Sohil
12/20/2017 3:48:09 PM

Quant Time: Dec 20 08:01:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	124415	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	439190	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	168098	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	263384	20.00	ng		0.00
75) Chrysene-d12	13.99	240	279685	20.00	ng		0.00
86) Perylene-d12	15.46	264	319487	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	918039	109.91	ng		0.02
7) Phenol-d6	6.46	99	1048616	100.88	ng		0.00
23) Nitrobenzene-d5	7.38	82	611136	77.46	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	168152	103.81	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	989435	91.31	ng		0.00
78) Terphenyl-d14	12.92	244	802347	69.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	149583	34.854	ng		97
3) Pyridine	3.41	79	147660	12.383	ng		99
4) n-Nitrosodimethylamine	3.31	42	187828	34.211	ng		100
6) Aniline	6.48	93	254490	17.617	ng	#	84
8) 2-Chlorophenol	6.60	128	298564	33.981	ng		97
9) Benzaldehyde	6.37	77	196601	25.610	ng		99
10) Phenol	6.47	94	420696	35.509	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	313720	33.758	ng		93
12) 1,3-Dichlorobenzene	6.75	146	337802	34.065	ng		97
13) 1,4-Dichlorobenzene	6.83	146	342736	33.846	ng		98
14) 1,2-Dichlorobenzene	6.98	146	304065	33.359	ng		97
15) Benzyl Alcohol	6.96	79	214029	29.914	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	479683	33.726	ng		70
17) 2-Methylphenol	7.07	107	226459	28.020	ng	#	89
18) Hexachloroethane	7.31	117	106152	30.151	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	194906	28.551	ng		94
20) 3+4-Methylphenols	7.23	107	299964	35.025	ng	#	57
22) Acetophenone	7.22	105	393407	39.257	ng	#	94
24) Nitrobenzene	7.40	77	297008	34.014	ng		99
25) Isophorone	7.63	82	521858	32.972	ng		99
26) 2-Nitrophenol	7.72	139	141481	37.714	ng		94
27) 2,4-Dimethylphenol	7.75	122	236291	37.076	ng		96
28) bis(2-Chloroethoxy)methane	7.84	93	344782	34.293	ng		99
29) 2,4-Dichlorophenol	7.96	162	228722	36.326	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	234998	35.367	ng		96
31) Naphthalene	8.11	128	751287	33.979	ng		99
32) Benzoic acid	7.87	122	52834m	18.224	ng		
33) 4-Chloroaniline	8.17	127	136219	14.175	ng		99
34) Hexachlorobutadiene	8.22	225	141136	36.725	ng		97
35) Caprolactam	8.53	113	61872	28.300	ng		93
36) 4-Chloro-3-methylphenol	8.66	107	214010	30.924	ng		95
37) 2-Methylnaphthalene	8.80	142	483605	33.571	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	227678	40.117	ng	#	97
40) Hexachlorocyclopentadiene	8.95	237	4468	16.569	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	128621	37.644	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	130738	34.946	ng		96
45) 1,1'-Biphenyl	9.27	154	584001	39.174	ng		98
46) 2-Chloronaphthalene	9.30	162	428632	37.577	ng		96
47) 2-Nitroaniline	9.40	65	146479	37.173	ng	#	82
48) Acenaphthylene	9.71	152	614120	34.086	ng		100
49) Dimethylphthalate	9.56	163	502314	37.150	ng		100
50) 2,6-Dinitrotoluene	9.64	165	97994	35.659	ng	#	88
51) Acenaphthene	9.88	154	361986	33.442	ng		100
52) 3-Nitroaniline	9.82	138	93934	27.416	ng		98
53) 2,4-Dinitrophenol	9.96	184	6618	16.343	ng	#	19
54) Dibenzofuran	10.05	168	506263	36.803	ng		98
55) 4-Nitrophenol	10.00	139	84437	56.519	ng		92
56) 2,4-Dinitrotoluene	10.06	165	114717	37.051	ng	#	90
57) Fluorene	10.40	166	392104	33.695	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	98678	36.713	ng	#	84
59) Diethylphthalate	10.26	149	441538	32.976	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	192398	34.498	ng	#	88
61) 4-Nitroaniline	10.43	138	90525	26.286	ng		94
62) Azobenzene	10.55	77	401168	28.922	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	11885	8.843	ng		93
65) n-Nitrosodiphenylamine	10.50	169	354227	36.423	ng		94
66) 4-Bromophenyl-phenylether	10.87	248	112582	38.041	ng	#	87
67) Hexachlorobenzene	10.95	284	113130	36.118	ng	#	85
68) Atrazine	11.03	200	109824	37.872	ng		97
69) Pentachlorophenol	11.15	266	68618	58.274	ng		99
70) Phenanthrene	11.36	178	527905	36.041	ng		98
71) Anthracene	11.42	178	541229	36.174	ng		99
72) Carbazole	11.57	167	479188	34.208	ng		100
73) Di-n-butylphthalate	11.89	149	588243	34.599	ng		99
74) Fluoranthene	12.56	202	586201	38.129	ng		97
76) Benzidine	12.68	184	66247	5.608	ng		97
77) Pyrene	12.79	202	648845	30.912	ng		99
79) Butylbenzylphthalate	13.39	149	263532	27.747	ng		97
80) Benzo(a)anthracene	13.98	228	637896	34.541	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	209342	34.764	ng		99
82) Chrysene	14.02	228	606427	34.778	ng		100
83) Bis(2-ethylhexyl)phthalate	13.94	149	355518	29.553	ng		99
84) Di-n-octyl phthalate	14.56	149	746426	34.792	ng		98
85) Indeno(1,2,3-cd)pyrene	16.95	276	591594	38.099	ng		96
87) Benzo(b)fluoranthene	15.03	252	668039	34.305	ng		98
88) Benzo(k)fluoranthene	15.06	252	619071m	32.697	ng		
89) Benzo(a)pyrene	15.40	252	628172	34.992	ng		99
90) Dibenzo(a,h)anthracene	16.95	278	505715	32.811	ng		96
91) Benzo(g,h,i)perylene	17.39	276	478254	31.336	ng		95

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

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