Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101663.D
Acq On : 22 Dec 2017 19:42
Operator : SJ/JU
Sample : I7002-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(16-20)MSD

Manual Integrations APPROVED
Sohil
12/26/2017 1:37:24 PM

Quant Time: Dec 22 23:42:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150381	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	606911	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	269994	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	476915	20.00	ng		0.00
75) Chrysene-d12	13.97	240	298465	20.00	ng		0.00
86) Perylene-d12	15.43	264	293103	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1224554	121.30	ng		0.01
7) Phenol-d6	6.44	99	1434935	114.21	ng		0.00
23) Nitrobenzene-d5	7.36	82	917996	84.20	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	311897	119.89	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1320792	75.89	ng		0.00
78) Terphenyl-d14	12.90	244	1093475	88.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	186011	35.858	ng		95
3) Pyridine	3.32	79	490447	34.029	ng		95
4) n-Nitrosodimethylamine	3.28	42	263197	39.662	ng		96
6) Aniline	6.46	93	302901	17.348	ng	#	77
8) 2-Chlorophenol	6.58	128	430322	40.521	ng		97
9) Benzaldehyde	6.35	77	237946	25.643	ng		98
10) Phenol	6.45	94	586239	40.937	ng		91
11) bis(2-Chloroethyl)ether	6.53	93	442815	39.421	ng		93
12) 1,3-Dichlorobenzene	6.73	146	466663	38.935	ng		98
13) 1,4-Dichlorobenzene	6.80	146	473285	38.668	ng		99
14) 1,2-Dichlorobenzene	6.96	146	427147	38.771	ng		99
15) Benzyl Alcohol	6.95	79	320189	37.025	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	725003	42.173	ng		64
17) 2-Methylphenol	7.06	107	360758	36.930	ng	#	90
18) Hexachloroethane	7.29	117	155884	36.632	ng		95
19) n-Nitroso-di-n-propylamine	7.21	70	301768	36.572	ng		95
20) 3+4-Methylphenols	7.22	107	481998	46.562	ng	#	83
22) Acetophenone	7.20	105	595630	43.011	ng	#	95
24) Nitrobenzene	7.38	77	485723	40.253	ng		98
25) Isophorone	7.62	82	900149	41.156	ng		98
26) 2-Nitrophenol	7.69	139	236915	45.701	ng		95
27) 2,4-Dimethylphenol	7.73	122	389518	44.228	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	554005	39.876	ng		98
29) 2,4-Dichlorophenol	7.95	162	381672	43.866	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	359450	39.147	ng		98
31) Naphthalene	8.09	128	1186821	38.843	ng		99
32) Benzoic acid	7.85	122	29042	12.043	ng		95
33) 4-Chloroaniline	8.16	127	159051	11.977	ng		97
34) Hexachlorobutadiene	8.20	225	200681	37.788	ng		99
35) Caprolactam	8.53	113	129591m	42.893	ng		
36) 4-Chloro-3-methylphenol	8.65	107	387337	40.503	ng		99
37) 2-Methylnaphthalene	8.79	142	769797	38.670	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	364691	40.007	ng		98
40) Hexachlorocyclopentadiene	8.93	237	11011	19.156	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	241448	43.996	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	244288	40.654	ng		93
45) 1,1'-Biphenyl	9.25	154	926972	38.713	ng		99
46) 2-Chloronaphthalene	9.27	162	706085	38.539	ng		97
47) 2-Nitroaniline	9.39	65	269457	42.574	ng		92
48) Acenaphthylene	9.69	152	1014276	35.050	ng		99
49) Dimethylphthalate	9.55	163	926963	42.683	ng		99
50) 2,6-Dinitrotoluene	9.63	165	176465	39.979	ng	#	88
51) Acenaphthene	9.86	154	622775	35.821	ng		99
52) 3-Nitroaniline	9.80	138	132072	24.000	ng		97
53) 2,4-Dinitrophenol	9.93	184	29355	26.952	ng	#	20
54) Dibenzofuran	10.03	168	885263	40.067	ng		96
55) 4-Nitrophenol	9.98	139	199307	83.060	ng		89
56) 2,4-Dinitrotoluene	10.05	165	220984	44.437	ng	#	92
57) Fluorene	10.38	166	721296	38.591	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	193705	44.869	ng		89
59) Diethylphthalate	10.25	149	807834	37.563	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	348935	38.953	ng		94
61) 4-Nitroaniline	10.42	138	179824	32.510	ng		95
62) Azobenzene	10.53	77	800881	35.948	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	51164	21.023	ng		94
65) n-Nitrosodiphenylamine	10.49	169	687989	39.068	ng		95
66) 4-Bromophenyl-phenylether	10.86	248	220690	41.183	ng	#	86
67) Hexachlorobenzene	10.93	284	223708	39.444	ng	#	86
68) Atrazine	11.02	200	220360	41.967	ng		98
69) Pentachlorophenol	11.13	266	193147	86.953	ng		98
70) Phenanthrene	11.35	178	1013629	38.218	ng		98
71) Anthracene	11.40	178	1031281	38.067	ng		100
72) Carbazole	11.56	167	930061	36.668	ng		99
73) Di-n-butylphthalate	11.87	149	1207792	39.232	ng		99
74) Fluoranthene	12.53	202	985802	35.411	ng		100
76) Benzidine	12.66	184	408723	32.424	ng		99
77) Pyrene	12.76	202	978026	43.662	ng		99
79) Butylbenzylphthalate	13.37	149	443805	43.788	ng		99
80) Benzo(a)anthracene	13.96	228	766112	38.873	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	193637	30.133	ng	#	97
82) Chrysene	14.00	228	730386	39.251	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	575631	44.839	ng		100
84) Di-n-octyl phthalate	14.53	149	929821	40.613	ng		97
85) Indeno(1,2,3-cd)pyrene	16.92	276	673764	40.661	ng		96
87) Benzo(b)fluoranthene	15.01	252	693655	38.827	ng		99
88) Benzo(k)fluoranthene	15.04	252	628527m	36.185	ng		
89) Benzo(a)pyrene	15.37	252	647966	39.344	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	567025	40.100	ng		97
91) Benzo(g,h,i)perylene	17.36	276	570401	40.738	ng		96

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

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