Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101130.D
Acq On : 5 Dec 2017 17:54
Operator : SJ/JU
Sample : I6709-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)MSD

Manual Integrations APPROVED
Sohil
12/6/2017 5:12:28 PM

Quant Time: Dec 06 00:58:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52062	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	202779	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	92928	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	169306	20.00	ng		0.00
75) Chrysene-d12	14.02	240	106515	20.00	ng		0.00
86) Perylene-d12	15.50	264	113186	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	437943	139.00	ng		0.02
7) Phenol-d6	6.50	99	530568	138.71	ng		0.02
23) Nitrobenzene-d5	7.42	82	329096	96.81	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	140059	125.46	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	677680	99.78	ng		0.00
78) Terphenyl-d14	12.96	244	533634	109.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	51973	39.893	ng		95
3) Pyridine	3.45	79	138385	40.974	ng		92
4) n-Nitrosodimethylamine	3.40	42	78216	47.417	ng	#	84
6) Aniline	6.52	93	167142	33.602	ng		98
8) 2-Chlorophenol	6.64	128	160867	46.828	ng		98
9) Benzaldehyde	6.40	77	58693	25.070	ng		98
10) Phenol	6.51	94	205150	48.233	ng		84
11) bis(2-Chloroethyl)ether	6.59	93	143400	44.949	ng		98
12) 1,3-Dichlorobenzene	6.79	146	181376	45.344	ng		98
13) 1,4-Dichlorobenzene	6.87	146	183936	44.415	ng		98
14) 1,2-Dichlorobenzene	7.02	146	174777	45.246	ng		97
15) Benzyl Alcohol	7.00	79	135395	45.829	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	228261	52.636	ng		91
17) 2-Methylphenol	7.11	107	129541	46.700	ng		95
18) Hexachloroethane	7.36	117	58690	44.111	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	110471	42.883	ng		94
20) 3+4-Methylphenols	7.26	107	163372	45.161	ng	#	74
22) Acetophenone	7.26	105	213197	43.518	ng	#	84
24) Nitrobenzene	7.44	77	161445	48.459	ng		99
25) Isophorone	7.67	82	293234	50.502	ng		99
26) 2-Nitrophenol	7.75	139	85260	46.619	ng		96
27) 2,4-Dimethylphenol	7.79	122	136331	51.531	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	183190	46.942	ng		99
29) 2,4-Dichlorophenol	8.00	162	142093	49.342	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	150029	47.379	ng		96
31) Naphthalene	8.16	128	454603	45.488	ng		100
32) Benzoic acid	7.87	122	4786m	2.326	ng		
33) 4-Chloroaniline	8.20	127	85649	21.329	ng		98
34) Hexachlorobutadiene	8.27	225	89107	45.880	ng		98
35) Caprolactam	8.59	113	40514m	45.143	ng		
36) 4-Chloro-3-methylphenol	8.70	107	144954	48.592	ng		99
37) 2-Methylnaphthalene	8.85	142	317204	46.711	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	148280	43.923	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	33462	32.589	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	100372	50.719	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	106516	50.346	ng	#	92
45) 1,1'-Biphenyl	9.31	154	371735	43.661	ng		97
46) 2-Chloronaphthalene	9.34	162	297860	49.261	ng		96
47) 2-Nitroaniline	9.44	65	87783	49.070	ng		97
48) Acenaphthylene	9.76	152	450841	45.371	ng		98
49) Dimethylphthalate	9.61	163	436870	58.293	ng		99
50) 2,6-Dinitrotoluene	9.68	165	74684	47.313	ng		95
51) Acenaphthene	9.93	154	261944	44.024	ng		99
52) 3-Nitroaniline	9.85	138	61329	34.549	ng		96
53) 2,4-Dinitrophenol	9.96	184	9195	15.472	ng	#	15
54) Dibenzofuran	10.10	168	393784	45.925	ng		99
55) 4-Nitrophenol	10.02	139	98839	82.562	ng		96
56) 2,4-Dinitrotoluene	10.09	165	95435	45.113	ng	#	91
57) Fluorene	10.44	166	309889	44.458	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	83235	49.136	ng	#	84
59) Diethylphthalate	10.31	149	341832	46.243	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	155165	45.085	ng		95
61) 4-Nitroaniline	10.47	138	71951	39.047	ng		95
62) Azobenzene	10.59	77	286134	45.612	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	15468	13.621	ng		88
65) n-Nitrosodiphenylamine	10.55	169	288447	48.292	ng		96
66) 4-Bromophenyl-phenylether	10.92	248	93643	49.413	ng	#	82
67) Hexachlorobenzene	10.99	284	97232	47.872	ng	#	83
68) Atrazine	11.08	200	91259	49.809	ng		97
69) Pentachlorophenol	11.19	266	81097	72.618	ng		98
70) Phenanthrene	11.40	178	431080	46.235	ng		97
71) Anthracene	11.46	178	441975	46.838	ng		98
72) Carbazole	11.61	167	373807	43.357	ng		99
73) Di-n-butylphthalate	11.93	149	499288	46.202	ng		99
74) Fluoranthene	12.59	202	390623	37.796	ng		96
76) Benzidine	12.72	184	166661	48.117	ng		97
77) Pyrene	12.82	202	378214	51.459	ng		100
79) Butylbenzylphthalate	13.43	149	167543	51.703	ng		88
80) Benzo(a)anthracene	14.02	228	315019	46.842	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	105126	45.136	ng	#	94
82) Chrysene	14.05	228	295138	47.254	ng		96
83) Bis(2-ethylhexyl)phthalate	13.99	149	229050	49.574	ng		99
84) Di-n-octyl phthalate	14.60	149	343488	44.649	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	300084	54.042	ng	#	91
87) Benzo(b)fluoranthene	15.07	252	300276	44.292	ng		98
88) Benzo(k)fluoranthene	15.10	252	299530	44.844	ng	#	96
89) Benzo(a)pyrene	15.44	252	292746	47.497	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	256511	47.208	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	239015	46.676	ng	#	91

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

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