Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101743.D
Acq On : 27 Dec 2017 4:40
Operator : SJ/JU
Sample : I7043-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-3DS(90-92)MS

Quant Time: Dec 27 07:18:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	130721	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	464330	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	171182	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	291622	20.00	ng		0.00
75) Chrysene-d12	13.97	240	288365	20.00	ng		0.00
86) Perylene-d12	15.44	264	263169	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1235521	140.79	ng		0.02
7) Phenol-d6	6.45	99	1385952	126.90	ng		0.01
23) Nitrobenzene-d5	7.37	82	876308	105.06	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	252639	153.16	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1293846	117.25	ng		0.00
78) Terphenyl-d14	12.90	244	1149787	96.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	148106	32.845	ng		97
3) Pyridine	3.37	79	349549	27.900	ng		95
4) n-Nitrosodimethylamine	3.29	42	204349	35.425	ng		97
6) Aniline	6.47	93	166759	10.987	ng	#	65
8) 2-Chlorophenol	6.59	128	368556	39.924	ng		98
9) Benzaldehyde	6.35	77	188595	23.382	ng		97
10) Phenol	6.46	94	490266	39.385	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	379784	38.895	ng		96
12) 1,3-Dichlorobenzene	6.73	146	405687	38.938	ng		98
13) 1,4-Dichlorobenzene	6.81	146	413084	38.825	ng		97
14) 1,2-Dichlorobenzene	6.96	146	366785	38.299	ng		96
15) Benzyl Alcohol	6.95	79	276322	36.758	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	623780	41.742	ng	#	47
17) 2-Methylphenol	7.06	107	304474	35.856	ng	#	87
18) Hexachloroethane	7.29	117	118899	32.143	ng		94
19) n-Nitroso-di-n-propylamine	7.21	70	268424	37.424	ng		94
20) 3+4-Methylphenols	7.22	107	417847	46.436	ng		98
22) Acetophenone	7.21	105	520326	49.111	ng	#	97
24) Nitrobenzene	7.38	77	393165	42.588	ng		97
25) Isophorone	7.62	82	718586	42.943	ng		98
26) 2-Nitrophenol	7.70	139	171883	43.337	ng		98
27) 2,4-Dimethylphenol	7.73	122	317222	47.080	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	463234	43.580	ng		99
29) 2,4-Dichlorophenol	7.95	162	302391	45.426	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	291403	41.481	ng		95
31) Naphthalene	8.09	128	981355	41.981	ng		99
32) Benzoic acid	7.86	122	31101	13.675	ng		95
33) 4-Chloroaniline	8.17	127	72847	7.170	ng		95
34) Hexachlorobutadiene	8.20	225	172565	42.472	ng		98
35) Caprolactam	8.53	113	95360	41.255	ng	#	86
36) 4-Chloro-3-methylphenol	8.65	107	286307	39.131	ng		100
37) 2-Methylnaphthalene	8.79	142	604940	39.720	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	289516	50.093	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	1275	12.835	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	174394	50.121	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	155902	40.922	ng		95
45) 1,1'-Biphenyl	9.25	154	724863	47.747	ng		99
46) 2-Chloronaphthalene	9.28	162	527041	45.372	ng		97
47) 2-Nitroaniline	9.39	65	183644	45.765	ng		91
48) Acenaphthylene	9.69	152	760681	41.460	ng		99
49) Dimethylphthalate	9.55	163	735961	53.450	ng		100
50) 2,6-Dinitrotoluene	9.63	165	119917	42.850	ng		90
51) Acenaphthene	9.86	154	455605	41.332	ng		99
52) 3-Nitroaniline	9.80	138	95346	27.327	ng		96
54) Dibenzofuran	10.03	168	661085	47.192	ng		98
55) 4-Nitrophenol	9.99	139	103711	68.169	ng		96
56) 2,4-Dinitrotoluene	10.05	165	146246	46.383	ng	#	96
57) Fluorene	10.38	166	507265	42.806	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	127722	46.662	ng	#	88
59) Diethylphthalate	10.25	149	581063	42.614	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	252204	44.407	ng		93
61) 4-Nitroaniline	10.42	138	126753	36.143	ng		96
62) Azobenzene	10.53	77	538107	38.096	ng		96
65) n-Nitrosodiphenylamine	10.49	169	467400	43.406	ng		97
66) 4-Bromophenyl-phenylether	10.85	248	150575	45.953	ng		92
67) Hexachlorobenzene	10.93	284	150701	43.455	ng	#	87
68) Atrazine	11.02	200	141474	44.063	ng		98
69) Pentachlorophenol	11.14	266	110838	82.007	ng		98
70) Phenanthrene	11.35	178	700130	43.171	ng		99
71) Anthracene	11.40	178	742138	44.799	ng		99
72) Carbazole	11.56	167	697958	45.001	ng		99
73) Di-n-butylphthalate	11.87	149	833783	44.292	ng		98
74) Fluoranthene	12.54	202	780756	45.866	ng		98
76) Benzidine	12.66	184	427648	35.113	ng		97
77) Pyrene	12.77	202	819472	37.865	ng		99
79) Butylbenzylphthalate	13.37	149	378139	38.616	ng		95
80) Benzo(a)anthracene	13.96	228	796422	41.826	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	237603	38.269	ng		98
82) Chrysene	14.00	228	757409	42.129	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	496317	40.015	ng		98
84) Di-n-octyl phthalate	14.53	149	969947	43.850	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	584745	36.524	ng		97
87) Benzo(b)fluoranthene	15.02	252	714520	44.544	ng		98
88) Benzo(k)fluoranthene	15.04	252	653740	41.917	ng		98
89) Benzo(a)pyrene	15.38	252	635756	42.993	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	501684	39.515	ng		99
91) Benzo(g,h,i)perylene	17.37	276	480847	38.248	ng		96

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

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