Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101686.D
Acq On : 23 Dec 2017 7:14
Operator : SJ/JU
Sample : I6827-18MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MS

Manual Integrations APPROVED
Sohil
12/26/2017 1:37:43 PM

Quant Time: Dec 26 10:44:25 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	160563	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	473767	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	285360	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	501160	20.00	ng		0.00
75) Chrysene-d12	13.97	240	325957	20.00	ng		0.00
86) Perylene-d12	15.43	264	307993	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1523089m	141.30	ng		0.03
7) Phenol-d6	6.49	99	1486021	110.77	ng		0.05
23) Nitrobenzene-d5	7.37	82	1095257	128.69	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	373159	135.71	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1635308	88.90	ng		0.00
78) Terphenyl-d14	12.90	244	1490538	110.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	186480	33.669	ng	#	79
3) Pyridine	3.45	79	492669	32.015	ng		98
4) n-Nitrosodimethylamine	3.40	42	282852	39.921	ng	#	96
6) Aniline	6.47	93	172926	9.276	ng	#	1
8) 2-Chlorophenol	6.60	128	465780	41.078	ng		97
9) Benzaldehyde	6.35	77	239138	24.138	ng		96
10) Phenol	6.50	94	1977779	129.352	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	534162	44.538	ng		95
12) 1,3-Dichlorobenzene	6.73	146	528821	41.323	ng		98
13) 1,4-Dichlorobenzene	6.80	146	531846	40.697	ng		99
14) 1,2-Dichlorobenzene	6.96	146	438213	37.253	ng		98
15) Benzyl Alcohol	6.96	79	399860	43.305	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	634447	34.565	ng	#	29
17) 2-Methylphenol	7.07	107	967251	92.736	ng		97
18) Hexachloroethane	7.29	117	183172	40.314	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	312765	35.502	ng		96
20) 3+4-Methylphenols	7.23	107	1950993	176.518	ng		89
22) Acetophenone	7.21	105	672710	62.229	ng	#	91
24) Nitrobenzene	7.39	77	554663	58.885	ng		98
25) Isophorone	7.64	82	1043273	61.105	ng		100
26) 2-Nitrophenol	7.70	139	270971	66.960	ng		99
27) 2,4-Dimethylphenol	7.75	122	1113566	161.976	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	668471	61.636	ng		99
29) 2,4-Dichlorophenol	7.96	162	423035	62.283	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	452529	63.134	ng		97
31) Naphthalene	8.11	128	7389373	309.812	ng		98
32) Benzoic acid	7.89	122	1097986m	205.677	ng		
33) 4-Chloroaniline	8.16	127	57589	5.555	ng	#	75
34) Hexachlorobutadiene	8.20	225	241742	58.313	ng		98
35) Caprolactam	8.56	113	125303	53.130	ng		90
36) 4-Chloro-3-methylphenol	8.67	107	450969	60.409	ng		96
37) 2-Methylnaphthalene	8.79	142	1295746	83.384	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	437951	45.457	ng		98
40) Hexachlorocyclopentadiene	8.93	237	33312	31.148	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	276835	47.728	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	237767	37.438	ng		96
45) 1,1'-Biphenyl	9.25	154	1172305	46.323	ng		98
46) 2-Chloronaphthalene	9.28	162	822277	42.464	ng		97
47) 2-Nitroaniline	9.39	65	307724	46.002	ng		87
48) Acenaphthylene	9.69	152	1652687	54.036	ng		99
49) Dimethylphthalate	9.56	163	931046	40.563	ng		99
50) 2,6-Dinitrotoluene	9.63	165	210993	45.228	ng		96
51) Acenaphthene	9.86	154	835331	45.459	ng		99
52) 3-Nitroaniline	9.80	138	75673	13.011	ng		99
53) 2,4-Dinitrophenol	9.93	184	124752	77.195	ng	#	19
54) Dibenzofuran	10.04	168	1231085	52.719	ng		96
55) 4-Nitrophenol	10.00	139	149542m	58.965	ng		
56) 2,4-Dinitrotoluene	10.05	165	255873	48.682	ng	#	96
57) Fluorene	10.38	166	1042672	52.782	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	238296	52.225	ng	#	86
59) Diethylphthalate	10.25	149	944484	41.552	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	406879	42.976	ng		97
61) 4-Nitroaniline	10.43	138	227526	38.919	ng		95
62) Azobenzene	10.53	77	948726	40.291	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	89618	35.042	ng		93
65) n-Nitrosodiphenylamine	10.49	169	805219	43.513	ng		96
66) 4-Bromophenyl-phenylether	10.86	248	263334	46.764	ng	#	87
67) Hexachlorobenzene	10.93	284	261276	43.839	ng	#	85
68) Atrazine	11.03	200	228458	41.404	ng		95
69) Pentachlorophenol	11.14	266	221279	94.207	ng		99
70) Phenanthrene	11.35	178	1395971	50.088	ng		99
71) Anthracene	11.40	178	1252807	44.006	ng		99
72) Carbazole	11.56	167	1715652	64.367	ng		98
73) Di-n-butylphthalate	11.87	149	1424811	44.042	ng		100
74) Fluoranthene	12.53	202	1180853	40.366	ng		100
76) Benzidine	12.66	184	51499	3.741	ng		99
77) Pyrene	12.77	202	1168287	47.757	ng		99
79) Butylbenzylphthalate	13.37	149	563550	50.913	ng		97
80) Benzo(a)anthracene	13.96	228	949380	44.109	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	239619	34.143	ng	#	96
82) Chrysene	14.00	228	900209	44.297	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	705937	50.352	ng		98
84) Di-n-octyl phthalate	14.53	149	1208437	48.331	ng		98
85) Indeno(1,2,3-cd)pyrene	16.91	276	784860	43.370	ng		96
87) Benzo(b)fluoranthene	15.00	252	803411	42.796	ng		99
88) Benzo(k)fluoranthene	15.03	252	828246	45.377	ng		98
89) Benzo(a)pyrene	15.37	252	782450	45.213	ng		99
90) Dibenzo(a,h)anthracene	16.90	278	667252	44.907	ng		96
91) Benzo(g,h,i)perylene	17.34	276	656381	44.612	ng		97

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

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