Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108843.D
Acq On : 7 Sep 2018 00:20
Operator : JU/SJ
Sample : J4803-18MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MS

Manual Integrations APPROVED
Sohil
9/7/2018 11:15:56 AM

Quant Time: Sep 07 03:40:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	231031	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	832854	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	348782	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	554897	20.00	ng		0.00
75) Chrysene-d12	13.87	240	499703	20.00	ng		0.00
86) Perylene-d12	15.28	264	641323	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1179537	84.58	ng		0.01
7) Phenol-d6	6.37	99	1504265	83.84	ng		0.00
23) Nitrobenzene-d5	7.30	82	938119	70.49	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	268830	80.74	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1529758	74.82	ng		0.00
78) Terphenyl-d14	12.82	244	1258269	58.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	178560	26.643	ng		93
3) Pyridine	3.17	79	518031	28.224	ng		90
4) n-Nitrosodimethylamine	3.10	42	222059	31.499	ng		89
6) Aniline	6.40	93	593232	24.582	ng		97
8) 2-Chlorophenol	6.52	128	455152	29.486	ng		99
9) Benzaldehyde	6.28	77	268539	21.096	ng		99
10) Phenol	6.38	94	596410	29.020	ng		96
11) bis(2-Chloroethyl)ether	6.47	93	467395	28.390	ng		97
12) 1,3-Dichlorobenzene	6.68	146	510425	28.977	ng		99
13) 1,4-Dichlorobenzene	6.75	146	506743	28.767	ng		99
14) 1,2-Dichlorobenzene	6.91	146	479818	29.552	ng		99
15) Benzyl Alcohol	6.88	79	404824	29.399	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	706588	28.712	ng		97
17) 2-Methylphenol	6.99	107	371696	28.494	ng		98
18) Hexachloroethane	7.25	117	183892	28.952	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	321753	25.797	ng		98
20) 3+4-Methylphenols	7.14	107	438887	28.721	ng	#	62
22) Acetophenone	7.14	105	600488	31.769	ng	#	92
24) Nitrobenzene	7.31	77	476308	33.356	ng		97
25) Isophorone	7.55	82	869959	32.772	ng		96
26) 2-Nitrophenol	7.63	139	184132	32.730	ng		98
27) 2,4-Dimethylphenol	7.67	122	380922	33.344	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	565526	31.864	ng		99
29) 2,4-Dichlorophenol	7.87	162	351916	29.875	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	382659	29.975	ng		98
31) Naphthalene	8.04	128	1257076	33.549	ng		99
32) Benzoic acid	7.80	122	2546m	4.373	ng		
33) 4-Chloroaniline	8.08	127	421915	24.517	ng		99
34) Hexachlorobutadiene	8.17	225	230127	30.175	ng		99
35) Caprolactam	8.42	113	105784	26.501	ng		87
36) 4-Chloro-3-methylphenol	8.57	107	346983	27.651	ng		99
37) 2-Methylnaphthalene	8.73	142	815260	32.934	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	347327	33.313	ng		98
40) Hexachlorocyclopentadiene	8.89	237	213544	40.713	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	218225	30.729	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	224769	30.534	ng		95
45) 1,1'-Biphenyl	9.20	154	923354	34.387	ng		99
46) 2-Chloronaphthalene	9.21	162	717763	33.052	ng		99
47) 2-Nitroaniline	9.30	65	213858	36.048	ng		92
48) Acenaphthylene	9.63	152	1115302	34.455	ng		100
49) Dimethylphthalate	9.50	163	1270106	52.064	ng	#	99
50) 2,6-Dinitrotoluene	9.55	165	163071	35.081	ng		98
51) Acenaphthene	9.80	154	625345	31.219	ng		99
52) 3-Nitroaniline	9.71	138	175343	31.688	ng		98
53) 2,4-Dinitrophenol	9.81	184	1165	9.902	ng	#	1
54) Dibenzofuran	9.97	168	916643	31.393	ng		99
55) 4-Nitrophenol	9.87	139	217982	52.695	ng		94
56) 2,4-Dinitrotoluene	9.95	165	194828	32.774	ng	#	89
57) Fluorene	10.31	166	653009	34.850	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	150759	25.396	ng		90
59) Diethylphthalate	10.19	149	769286	30.558	ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	322582	32.235	ng		94
61) 4-Nitroaniline	10.32	138	149581	29.840	ng		97
62) Azobenzene	10.47	77	770482	29.650	ng		95
64) 4,6-Dinitro-2-methylphenol	10.35	198	6352	9.363	ng		96
65) n-Nitrosodiphenylamine	10.42	169	630036	34.150	ng		95
66) 4-Bromophenyl-phenylether	10.80	248	207048	33.036	ng	#	84
67) Hexachlorobenzene	10.86	284	208717	31.197	ng	#	92
68) Atrazine	10.95	200	193873	32.826	ng		97
69) Pentachlorophenol	11.05	266	162626	39.759	ng		97
70) Phenanthrene	11.27	178	928581	35.042	ng		99
71) Anthracene	11.32	178	929422	36.633	ng		100
72) Carbazole	11.47	167	821097	30.731	ng		99
73) Di-n-butylphthalate	11.81	149	1060671	35.747	ng		100
74) Fluoranthene	12.45	202	971791	37.040	ng		99
76) Benzidine	12.57	184	680899	28.749	ng		99
77) Pyrene	12.68	202	1002182	26.064	ng		99
79) Butylbenzylphthalate	13.30	149	456302	26.352	ng		95
80) Benzo(a)anthracene	13.86	228	1004810	31.372	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	370567	29.696	ng		98
82) Chrysene	13.89	228	972529	31.365	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	614501	28.239	ng		100
84) Di-n-octyl phthalate	14.48	149	1226866	33.818	ng		100
85) Indeno(1,2,3-cd)pyrene	16.63	276	1027376	37.440	ng		96
87) Benzo(b)fluoranthene	14.88	252	1088629	31.218	ng		98
88) Benzo(k)fluoranthene	14.91	252	1026102	31.952	ng		98
89) Benzo(a)pyrene	15.22	252	1046384	33.255	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	865127	31.203	ng		97
91) Benzo(g,h,i)perylene	17.04	276	805001	28.998	ng		96

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

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