Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109709.D
Acq On : 9 Oct 2018 21:51
Operator : JU/SJ
Sample : J5326-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FL-PIT-2MS

Manual Integrations APPROVED
Sohil
10/10/2018 11:37:15 AM

Quant Time: Oct 10 04:53:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	86378	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	322871	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	131583	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	213118	20.00	ng		0.00
75) Chrysene-d12	13.83	240	195887	20.00	ng		0.00
86) Perylene-d12	15.23	264	168422	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	585862	120.39	ng		0.00
7) Phenol-d6	6.35	99	741716	114.10	ng		0.00
23) Nitrobenzene-d5	7.26	82	497471	84.93	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	147817	103.10	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	811077	84.89	ng		0.00
78) Terphenyl-d14	12.78	244	621745	61.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	70179	27.479	ng		97
3) Pyridine	3.14	79	156090	29.624	ng		99
4) n-Nitrosodimethylamine	3.06	42	75691	39.799	ng		97
6) Aniline	6.37	93	202023	26.678	ng	#	70
8) 2-Chlorophenol	6.49	128	221572	37.022	ng		95
9) Benzaldehyde	6.25	77	111275	26.600	ng		99
10) Phenol	6.37	94	276700	37.119	ng		82
11) bis(2-Chloroethyl)ether	6.44	93	195526	31.638	ng		97
12) 1,3-Dichlorobenzene	6.64	146	235720	34.436	ng		99
13) 1,4-Dichlorobenzene	6.72	146	264295	35.420	ng		100
14) 1,2-Dichlorobenzene	6.87	146	233106	35.573	ng		99
15) Benzyl Alcohol	6.85	79	174861	36.283	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	288490	35.205	ng		91
17) 2-Methylphenol	6.97	107	169104	35.730	ng		97
18) Hexachloroethane	7.20	117	80844	30.652	ng		94
19) n-Nitroso-di-n-propylamine	7.12	70	156789	34.392	ng		99
20) 3+4-Methylphenols	7.12	107	207026	35.499	ng		91
22) Acetophenone	7.11	105	328630	42.091	ng		99
24) Nitrobenzene	7.28	77	232207	38.099	ng		99
25) Isophorone	7.52	82	419786	43.160	ng		98
26) 2-Nitrophenol	7.60	139	107734	37.791	ng		96
27) 2,4-Dimethylphenol	7.65	122	177420	43.097	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	269963	41.034	ng		99
29) 2,4-Dichlorophenol	7.85	162	176726	38.272	ng		100
30) 1,2,4-Trichlorobenzene	7.92	180	191506	37.464	ng		100
31) Naphthalene	8.00	128	638059	42.731	ng		99
32) Benzoic acid	7.74	122	30283m	10.289	ng		
33) 4-Chloroaniline	8.06	127	123274	18.747	ng		98
34) Hexachlorobutadiene	8.12	225	114523	36.033	ng		99
35) Caprolactam	8.41	113	48457	35.139	ng		98
36) 4-Chloro-3-methylphenol	8.55	107	181079	37.150	ng		99
37) 2-Methylnaphthalene	8.69	142	394494	40.333	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	183661	41.004	ng		99
40) Hexachlorocyclopentadiene	8.85	237	29029	20.672	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	104389	38.986	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	124353	40.392	ng		98
45) 1,1'-Biphenyl	9.15	154	468153	39.826	ng		100
46) 2-Chloronaphthalene	9.17	162	350938	39.849	ng		99
47) 2-Nitroaniline	9.28	65	108634	40.739	ng		92
48) Acenaphthylene	9.59	152	536293	41.771	ng		99
49) Dimethylphthalate	9.45	163	485678	50.327	ng		100
50) 2,6-Dinitrotoluene	9.52	165	83539	39.935	ng		99
51) Acenaphthene	9.76	154	308849	40.579	ng		100
52) 3-Nitroaniline	9.69	138	71612	30.539	ng		95
53) 2,4-Dinitrophenol	9.83	184	3821	5.661	ng	#	28
54) Dibenzofuran	9.93	168	441382	38.688	ng		97
55) 4-Nitrophenol	9.87	139	81177	63.245	ng		98
56) 2,4-Dinitrotoluene	9.92	165	96824	37.089	ng		99
57) Fluorene	10.27	166	333215	39.111	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	93105	37.203	ng		95
59) Diethylphthalate	10.15	149	386614	40.433	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	164433	36.584	ng		98
61) 4-Nitroaniline	10.30	138	71365	32.863	ng		95
62) Azobenzene	10.42	77	358242	36.895	ng		98
64) 4,6-Dinitro-2-methylphenol	10.33	198	7849	7.567	ng	#	73
65) n-Nitrosodiphenylamine	10.39	169	305712	42.315	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	97860	39.963	ng		95
67) Hexachlorobenzene	10.82	284	98916	37.304	ng		97
68) Atrazine	10.91	200	92486	41.019	ng		99
69) Pentachlorophenol	11.02	266	89722	60.132	ng		99
70) Phenanthrene	11.23	178	436158	40.895	ng		99
71) Anthracene	11.28	178	474453	43.035	ng		99
72) Carbazole	11.44	167	411145	38.450	ng		99
73) Di-n-butylphthalate	11.77	149	523780	42.234	ng		99
74) Fluoranthene	12.41	202	483171	43.365	ng		98
76) Benzidine	12.54	184	240663	33.073	ng		96
77) Pyrene	12.63	202	487378	33.959	ng		98
79) Butylbenzylphthalate	13.25	149	217904	35.020	ng		96
80) Benzo(a)anthracene	13.82	228	440483	40.748	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	171263	39.347	ng		98
82) Chrysene	13.86	228	449580	39.595	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	294456	38.788	ng		97
84) Di-n-octyl phthalate	14.42	149	556492	46.377	ng		99
85) Indeno(1,2,3-cd)pyrene	16.58	276	328639	40.437	ng		99
87) Benzo(b)fluoranthene	14.83	252	359913	38.670	ng		98
88) Benzo(k)fluoranthene	14.86	252	389725	41.675	ng		99
89) Benzo(a)pyrene	15.17	252	345123	40.862	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	268447	38.700	ng		99
91) Benzo(g,h,i)perylene	16.98	276	264626	38.203	ng		98

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

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