Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107922.D
Acq On : 2 Aug 2018 21:06
Operator : JU/SJ
Sample : J4285-05MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2MS

Manual Integrations APPROVED
Sohil
8/3/2018 12:53:33 PM

Quant Time: Aug 03 04:24:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	135259	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	511468	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	187716	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	333850	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	351543	20.00	ng		0.00
86) Perylene-d12	15.68	264	295288	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	636850	80.02	ng		0.00
7) Phenol-d6	6.61	99	772028	73.60	ng		0.00
23) Nitrobenzene-d5	7.52	82	500897	56.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	169665	66.52	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	869022	64.51	ng		-0.01
78) Terphenyl-d14	13.07	244	845344	52.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	85232	25.865	ng	#	88
3) Pyridine	3.67	79	149315	20.154	ng		94
4) n-Nitrosodimethylamine	3.64	42	16950	4.186	ng		94
6) Aniline	6.64	93	188598	17.287	ng	#	44
8) 2-Chlorophenol	6.75	128	253120	25.320	ng		94
9) Benzaldehyde	6.52	77	43662	6.899	ng		94
10) Phenol	6.62	94	342285	27.365	ng		88
11) bis(2-Chloroethyl)ether	6.69	93	287937	25.888	ng		97
12) 1,3-Dichlorobenzene	6.90	146	259508	24.750	ng		98
13) 1,4-Dichlorobenzene	6.97	146	295754	25.340	ng		99
14) 1,2-Dichlorobenzene	7.12	146	254526	23.492	ng		99
15) Benzyl Alcohol	7.11	79	147539	22.631	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	421107	26.333	ng		67
17) 2-Methylphenol	7.22	107	185540	25.142	ng	#	67
18) Hexachloroethane	7.45	117	96774	23.067	ng		96
19) n-Nitroso-di-n-propylamine	7.36	70	171437	25.766	ng		97
20) 3+4-Methylphenols	7.38	107	214315	23.654	ng	#	60
22) Acetophenone	7.37	105	369531	30.030	ng	#	95
24) Nitrobenzene	7.54	77	224493	24.115	ng		97
25) Isophorone	7.77	82	477590	32.772	ng		97
26) 2-Nitrophenol	7.86	139	120765	25.849	ng		99
27) 2,4-Dimethylphenol	7.90	122	199944	31.965	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	285354	29.712	ng		98
29) 2,4-Dichlorophenol	8.11	162	177263	25.054	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	221221	27.407	ng		99
31) Naphthalene	8.26	128	713209	29.998	ng		100
32) Benzoic acid	7.96	122	29014m	8.153	ng		
33) 4-Chloroaniline	8.33	127	164097	16.159	ng		94
34) Hexachlorobutadiene	8.36	225	131969	26.458	ng		100
35) Caprolactam	8.67	113	46596	21.877	ng	#	83
36) 4-Chloro-3-methylphenol	8.81	107	183542	23.886	ng		100
37) 2-Methylnaphthalene	8.95	142	438730	29.377	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	208728	32.613	ng	#	95
40) Hexachlorocyclopentadiene	9.09	237	21014	14.335	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	99016	27.985	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	110246	25.882	ng		91
45) 1,1'-Biphenyl	9.41	154	539716	31.593	ng		97
46) 2-Chloronaphthalene	9.44	162	386291	29.986	ng		99
47) 2-Nitroaniline	9.56	65	112520	26.852	ng		97
48) Acenaphthylene	9.86	152	598888	29.987	ng		98
49) Dimethylphthalate	9.71	163	526031	37.314	ng		99
50) 2,6-Dinitrotoluene	9.78	165	82139	26.811	ng		89
51) Acenaphthene	10.03	154	338425	29.171	ng		98
52) 3-Nitroaniline	9.98	138	81395	21.084	ng		97
53) 2,4-Dinitrophenol	10.14	184	928	8.954	ng	#	1
54) Dibenzofuran	10.20	168	483663	26.973	ng		97
55) 4-Nitrophenol	10.20	139	287494	149.123	ng	#	20
56) 2,4-Dinitrotoluene	10.20	165	94133	23.377	ng	#	82
57) Fluorene	10.55	166	379680	27.245	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.32	232	96154	24.577	ng	#	83
59) Diethylphthalate	10.40	149	498215	32.869	ng		99
60) 4-Chlorophenyl-phenylether	10.53	204	192148	25.311	ng		92
61) 4-Nitroaniline	10.62	138	70949	20.709	ng		93
62) Azobenzene	10.70	77	344614	24.412	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	5670	3.122	ng	#	31
65) n-Nitrosodiphenylamine	10.65	169	323035	29.386	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	105273	27.054	ng	#	89
67) Hexachlorobenzene	11.09	284	116505	27.000	ng	#	90
68) Atrazine	11.18	200	91438	28.105	ng		94
69) Pentachlorophenol	11.30	266	89875	42.311	ng		98
70) Phenanthrene	11.51	178	459253	28.971	ng		99
71) Anthracene	11.57	178	580831	31.767	ng		98
72) Carbazole	11.74	167	508396	28.136	ng		99
73) Di-n-butylphthalate	12.03	149	590817	29.971	ng		98
74) Fluoranthene	12.71	202	622271	33.414	ng		97
76) Benzidine	12.85	184	403967	35.541	ng		97
77) Pyrene	12.94	202	623521	24.631	ng		97
79) Butylbenzylphthalate	13.54	149	282653	25.498	ng		96
80) Benzo(a)anthracene	14.14	228	560387	28.141	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	209515	27.141	ng		98
82) Chrysene	14.17	228	653846	30.441	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	394981	28.343	ng		99
84) Di-n-octyl phthalate	14.71	149	723599	32.349	ng		98
85) Indeno(1,2,3-cd)pyrene	17.26	276	405862	24.842	ng		95
87) Benzo(b)fluoranthene	15.22	252	415088	28.502	ng		98
88) Benzo(k)fluoranthene	15.25	252	570098	31.884	ng	#	96
89) Benzo(a)pyrene	15.61	252	446569	29.703	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	347464	26.495	ng		96
91) Benzo(g,h,i)perylene	17.74	276	328308	25.872	ng		95

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

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