Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107459.D
Acq On : 17 Jul 2018 19:41
Operator : JU/SJ
Sample : J3906-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MS

Manual Integrations APPROVED
Sohil
7/18/2018 10:44:14 AM

Quant Time: Jul 18 01:46:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	126474	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	461216	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	209588	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	444437	20.00	ng		0.00
75) Chrysene-d12	14.18	240	373850	20.00	ng		0.00
86) Perylene-d12	15.71	264	237937	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	878468	105.49	ng		0.02
7) Phenol-d6	6.62	99	1145481	106.39	ng		0.02
23) Nitrobenzene-d5	7.55	82	841696	97.31	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	217458	118.09	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1265519	102.97	ng		0.00
78) Terphenyl-d14	13.11	244	1341205	89.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	125906	30.625	ng		90
3) Pyridine	3.68	79	367642	33.154	ng		92
4) n-Nitrosodimethylamine	3.64	42	202675	44.511	ng	#	75
6) Aniline	6.65	93	227276	15.969	ng	#	87
8) 2-Chlorophenol	6.78	128	330074	39.193	ng		92
9) Benzaldehyde	6.54	77	209243	24.159	ng		89
10) Phenol	6.64	94	471798	40.874	ng	#	75
11) bis(2-Chloroethyl)ether	6.72	93	357703	37.974	ng		93
12) 1,3-Dichlorobenzene	6.93	146	374176	36.596	ng	#	88
13) 1,4-Dichlorobenzene	7.01	146	362093	35.725	ng		92
14) 1,2-Dichlorobenzene	7.16	146	346254	36.511	ng		95
15) Benzyl Alcohol	7.12	79	401945	37.174	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.25	45	348571	34.678	ng		78
17) 2-Methylphenol	7.24	107	305551	38.159	ng	#	83
18) Hexachloroethane	7.50	117	86138	22.841	ng	#	87
19) n-Nitroso-di-n-propylamine	7.40	70	276329	35.846	ng	#	89
20) 3+4-Methylphenols	7.39	107	351729	34.580	ng	#	59
22) Acetophenone	7.40	105	494167	38.997	ng	#	83
24) Nitrobenzene	7.57	77	424550	43.678	ng		89
25) Isophorone	7.81	82	744770	43.442	ng	#	93
26) 2-Nitrophenol	7.88	139	140551	42.538	ng	#	67
27) 2,4-Dimethylphenol	7.92	122	293799	42.641	ng	#	77
28) bis(2-Chloroethoxy)methane	8.01	93	421313	39.240	ng		98
29) 2,4-Dichlorophenol	8.12	162	297965	41.557	ng		91
30) 1,2,4-Trichlorobenzene	8.21	180	326347	37.587	ng		98
31) Naphthalene	8.30	128	936715	41.812	ng		98
32) Benzoic acid	8.01	122	102738	24.296	ng	#	87
33) 4-Chloroaniline	8.34	127	105302	10.853	ng	#	79
34) Hexachlorobutadiene	8.40	225	229581	39.516	ng		99
35) Caprolactam	8.71	113	70905	30.400	ng	#	62
36) 4-Chloro-3-methylphenol	8.82	107	380216	40.584	ng	#	83
37) 2-Methylnaphthalene	8.98	142	600966	40.697	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	372578	45.682	ng		98
40) Hexachlorocyclopentadiene	9.12	237	14364	3.372	ng	#	72

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	226244	44.438	ng		98
43) 2,4,5-Trichlorophenol	9.31	196	227772	46.766	ng	#	92
45) 1,1'-Biphenyl	9.45	154	736621	40.650	ng		93
46) 2-Chloronaphthalene	9.48	162	594943	41.569	ng		93
47) 2-Nitroaniline	9.57	65	256581	58.582	ng	#	73
48) Acenaphthylene	9.90	152	871528	43.634	ng		97
49) Dimethylphthalate	9.75	163	1008208	60.544	ng		100
50) 2,6-Dinitrotoluene	9.81	165	142309	44.784	ng	#	75
51) Acenaphthene	10.07	154	524736	39.630	ng		92
52) 3-Nitroaniline	9.98	138	107451	32.193	ng	#	80
53) 2,4-Dinitrophenol	10.08	184	2529	5.470	ng	#	31
54) Dibenzofuran	10.24	168	829522	40.541	ng		92
55) 4-Nitrophenol	10.15	139	229209	84.867	ng	#	62
56) 2,4-Dinitrotoluene	10.22	165	197091	47.585	ng	#	91
57) Fluorene	10.58	166	593256	43.778	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.35	232	192470	40.796	ng		91
59) Diethylphthalate	10.45	149	714141	44.142	ng		95
60) 4-Chlorophenyl-phenylether	10.57	204	339100	42.010	ng		94
61) 4-Nitroaniline	10.60	138	150405	47.351	ng	#	51
62) Azobenzene	10.73	77	729380	38.392	ng		90
64) 4,6-Dinitro-2-methylphenol	10.62	198	5484	9.432	ng		85
65) n-Nitrosodiphenylamine	10.69	169	570978	40.677	ng		97
66) 4-Bromophenyl-phenylether	11.07	248	201884	39.704	ng		99
67) Hexachlorobenzene	11.13	284	193255	41.059	ng	#	91
68) Atrazine	11.21	200	213156	40.185	ng		96
69) Pentachlorophenol	11.33	266	198602	57.098	ng		95
70) Phenanthrene	11.55	178	1067533	48.198	ng		98
71) Anthracene	11.61	178	950020	43.064	ng		99
72) Carbazole	11.76	167	838461	40.146	ng		95
73) Di-n-butylphthalate	12.07	149	1033291	43.050	ng	#	97
74) Fluoranthene	12.75	202	1332434	52.929	ng		94
76) Benzidine	12.86	184	513553	35.395	ng		97
77) Pyrene	12.98	202	1323647	52.066	ng		98
79) Butylbenzylphthalate	13.58	149	442826	47.820	ng	#	89
80) Benzo(a)anthracene	14.17	228	1128246	49.324	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	305817	39.864	ng	#	98
82) Chrysene	14.21	228	1056852	48.367	ng		98
83) Bis(2-ethylhexyl)phthalate	14.14	149	596001	44.913	ng		94
84) Di-n-octyl phthalate	14.76	149	1070386	51.889	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.30	276	557719	35.858	ng	#	88
87) Benzo(b)fluoranthene	15.26	252	807254	57.964	ng		97
88) Benzo(k)fluoranthene	15.29	252	694799m	51.121	ng		
89) Benzo(a)pyrene	15.65	252	635089m	49.684	ng		
90) Dibenzo(a,h)anthracene	17.31	278	441981	45.814	ng	#	92
91) Benzo(g,h,i)perylene	17.78	276	471316	48.080	ng	#	86

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

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