Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110920.D
Acq On : 21 Nov 2018 11:18
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/23/2018 11:48:50 AM

Quant Time: Nov 21 14:30:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	88106	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	373103	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	172161	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	321938	20.00	ng		0.00
76) Chrysene-d12	14.14	240	227494	20.00	ng		0.00
87) Perylene-d12	15.67	264	163252	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	421581	77.72	ng		0.00
7) Phenol-d6	6.57	99	559310	80.64	ng		0.00
23) Nitrobenzene-d5	7.52	82	534354	82.48	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	136633	78.76	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	962378	79.84	ng		0.00
79) Terphenyl-d14	13.06	244	953026	78.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	92206	34.117	ng		88
3) Pyridine	3.56	79	218277	37.417	ng	#	84
4) n-Nitrosodimethylamine	3.54	42	103239	41.245	ng		86
6) Aniline	6.61	93	355549	39.307	ng	#	55
8) 2-Chlorophenol	6.73	128	258471	40.648	ng		97
9) Benzaldehyde	6.50	77	155868	42.536	ng		95
10) Phenol	6.59	94	320544	39.854	ng	#	68
11) bis(2-Chloroethyl)ether	6.68	93	238675	39.597	ng		95
12) 1,3-Dichlorobenzene	6.88	146	276310	39.715	ng		100
13) 1,4-Dichlorobenzene	6.96	146	280932	39.764	ng		98
14) 1,2-Dichlorobenzene	7.12	146	263680	40.119	ng		99
15) Benzyl Alcohol	7.09	79	220745	40.667	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.21	45	378557	39.992	ng		75
17) 2-Methylphenol	7.19	107	200338	39.588	ng	#	85
18) Hexachloroethane	7.45	117	105353	40.392	ng		92
19) n-Nitroso-di-n-propylamine	7.36	70	178909	40.408	ng		96
20) 3+4-Methylphenols	7.35	107	261544	40.260	ng	#	87
22) Acetophenone	7.36	105	351886	40.468	ng	#	94
24) Nitrobenzene	7.53	77	266650	40.171	ng		95
25) Isophorone	7.77	82	425012	40.025	ng		95
26) 2-Nitrophenol	7.85	139	139385	42.092	ng		97
27) 2,4-Dimethylphenol	7.87	122	206263	40.900	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	286513	39.851	ng		99
29) 2,4-Dichlorophenol	8.09	162	214948	41.422	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	238913	40.835	ng		96
31) Naphthalene	8.25	128	699710	39.949	ng		100
32) Benzoic acid	8.03	122	136404	38.227	ng		93
33) 4-Chloroaniline	8.30	127	309852	39.055	ng		99
34) Hexachlorobutadiene	8.35	225	136670	40.897	ng		99
35) Caprolactam	8.69	113	67714m	39.057	ng		
36) 4-Chloro-3-methylphenol	8.78	107	228971	40.913	ng		98
37) 2-Methylnaphthalene	8.94	142	454841	39.613	ng		99
38) 1-Methylnaphthalene	9.04	142	436550	39.534	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	226777	41.614	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	69014	37.015	ng		97
43) 2,4,6-Trichlorophenol	9.22	196	138580	40.467	ng		96
44) 2,4,5-Trichlorophenol	9.27	196	144703	39.613	ng		96
46) 1,1'-Biphenyl	9.40	154	646858	40.277	ng		98
47) 2-Chloronaphthalene	9.43	162	475942	41.135	ng		99
48) 2-Nitroaniline	9.54	65	149218	41.850	ng		94
49) Acenaphthylene	9.85	152	650707	39.051	ng		99
50) Dimethylphthalate	9.70	163	504858	39.300	ng		99
51) 2,6-Dinitrotoluene	9.78	165	114656	40.573	ng		91
52) Acenaphthene	10.02	154	420458	39.928	ng		98
53) 3-Nitroaniline	9.96	138	133128	40.663	ng		88
54) 2,4-Dinitrophenol	10.07	184	40474	38.543	ng		91
55) Dibenzofuran	10.19	168	599425	38.907	ng		99
56) 4-Nitrophenol	10.12	139	114526	52.728	ng		98
57) 2,4-Dinitrotoluene	10.19	165	143194	38.972	ng	#	90
58) Fluorene	10.54	166	471847	39.873	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	112431	39.125	ng		93
60) Diethylphthalate	10.40	149	509283	40.073	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	244811	39.955	ng		98
62) 4-Nitroaniline	10.57	138	124053	37.628	ng		99
63) Azobenzene	10.69	77	493268	39.782	ng		96
65) 4,6-Dinitro-2-methylphenol	10.61	198	59295	36.545	ng		99
66) n-Nitrosodiphenylamine	10.65	169	438863	40.443	ng		97
67) 4-Bromophenyl-phenylether	11.02	248	142879	40.157	ng		95
68) Hexachlorobenzene	11.09	284	152745	40.718	ng		98
69) Atrazine	11.17	200	126206	38.037	ng		98
70) Pentachlorophenol	11.29	266	65897	32.921	ng		98
71) Phenanthrene	11.51	178	677521	39.282	ng		99
72) Anthracene	11.56	178	683261	39.271	ng		99
73) Carbazole	11.72	167	669300	40.056	ng		99
74) Di-n-butylphthalate	12.02	149	782571	39.938	ng		99
75) Fluoranthene	12.70	202	677152	39.160	ng		98
77) Benzidine	12.82	184	217176	34.714	ng		96
78) Pyrene	12.93	202	696070	39.738	ng		98
80) Butylbenzylphthalate	13.53	149	311788	41.355	ng		99
81) Benzo(a)anthracene	14.13	228	539222	39.656	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	192836	42.334	ng		99
83) Chrysene	14.17	228	526096	40.611	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	398219	42.578	ng		97
85) Di-n-octyl phthalate	14.69	149	592981	43.115	ng		98
86) Indeno(1,2,3-cd)pyrene	17.26	276	377623	40.622	ng		98
88) Benzo(b)fluoranthene	15.21	252	398926	40.847	ng		99
89) Benzo(k)fluoranthene	15.24	252	383793m	39.770	ng		
90) Benzo(a)pyrene	15.60	252	353192	39.803	ng		97
91) Dibenzo(a,h)anthracene	17.26	278	315057	41.957	ng		98
92) Benzo(g,h,i)perylene	17.74	276	312582	41.955	ng		98

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

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