Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109244.D
Acq On : 23 Sep 2018 1:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/24/2018 11:39:15 AM

Quant Time: Sep 24 08:15:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	108318	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	413781	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	180016	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	272962	20.00	ng		0.00
75) Chrysene-d12	13.84	240	216706	20.00	ng		0.00
86) Perylene-d12	15.24	264	188935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	536041	81.51	ng		0.00
7) Phenol-d6	6.35	99	679627	80.99	ng		-0.01
23) Nitrobenzene-d5	7.27	82	614493	87.67	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	123492	69.59	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	1037227	86.90	ng		0.00
78) Terphenyl-d14	12.79	244	627788	71.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	119525	39.463	ng		93
3) Pyridine	3.05	79	334942	42.967	ng		91
4) n-Nitrosodimethylamine	2.99	42	135186	40.750	ng	#	97
6) Aniline	6.37	93	422861	39.386	ng		93
8) 2-Chlorophenol	6.49	128	297362	40.661	ng		98
9) Benzaldehyde	6.25	77	217756	40.394	ng		97
10) Phenol	6.36	94	380342	40.022	ng	#	70
11) bis(2-Chloroethyl)ether	6.45	93	294936	39.662	ng		97
12) 1,3-Dichlorobenzene	6.65	146	339408	40.309	ng		99
13) 1,4-Dichlorobenzene	6.73	146	341006	40.200	ng		99
14) 1,2-Dichlorobenzene	6.88	146	313891	40.113	ng		99
15) Benzyl Alcohol	6.85	79	259561	40.409	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	414782	39.324	ng		95
17) 2-Methylphenol	6.97	107	231620	39.143	ng		95
18) Hexachloroethane	7.22	117	105526	35.310	ng		96
19) n-Nitroso-di-n-propylamine	7.13	70	216680	39.406	ng		97
20) 3+4-Methylphenols	7.12	107	281271	39.370	ng	#	56
22) Acetophenone	7.12	105	382396	39.972	ng	#	91
24) Nitrobenzene	7.29	77	316367	42.448	ng		98
25) Isophorone	7.53	82	504230	39.948	ng		98
26) 2-Nitrophenol	7.61	139	131379	44.574	ng		96
27) 2,4-Dimethylphenol	7.65	122	223246	40.591	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	340661	40.771	ng		99
29) 2,4-Dichlorophenol	7.85	162	235049	40.676	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	256192	39.677	ng		99
31) Naphthalene	8.02	128	764452	39.535	ng		100
32) Benzoic acid	7.76	122	119303m	34.198	ng		
33) 4-Chloroaniline	8.06	127	339538	40.196	ng		97
34) Hexachlorobutadiene	8.14	225	157035	40.343	ng		99
35) Caprolactam	8.43	113	72376	39.231	ng	#	87
36) 4-Chloro-3-methylphenol	8.55	107	239694	39.419	ng		99
37) 2-Methylnaphthalene	8.70	142	482838	38.736	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	246513	43.029	ng		98
40) Hexachlorocyclopentadiene	8.86	237	12532	5.015	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	158379	43.073	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	161573	41.606	ng		95
45) 1,1'-Biphenyl	9.17	154	616219	42.014	ng		98
46) 2-Chloronaphthalene	9.19	162	477689	40.768	ng		97
47) 2-Nitroaniline	9.28	65	147299	44.340	ng		93
48) Acenaphthylene	9.60	152	690098	39.041	ng		99
49) Dimethylphthalate	9.47	163	546113	41.710	ng		100
50) 2,6-Dinitrotoluene	9.53	165	112413	43.350	ng		93
51) Acenaphthene	9.77	154	402773	37.688	ng		100
52) 3-Nitroaniline	9.69	138	132512	44.126	ng		99
53) 2,4-Dinitrophenol	9.79	184	3809	12.204	ng	#	25
54) Dibenzofuran	9.95	168	600473	37.781	ng		98
55) 4-Nitrophenol	9.85	139	76121	33.648	ng		98
56) 2,4-Dinitrotoluene	9.93	165	129339	39.420	ng	#	95
57) Fluorene	10.29	166	406189	35.819	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	111249	36.181	ng		91
59) Diethylphthalate	10.16	149	531775	40.107	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	227805	38.461	ng		95
61) 4-Nitroaniline	10.30	138	113132	38.629	ng		97
62) Azobenzene	10.44	77	498189	36.165	ng		95
64) 4,6-Dinitro-2-methylphenol	10.33	198	9953	14.392	ng		83
65) n-Nitrosodiphenylamine	10.40	169	429651	47.641	ng		95
66) 4-Bromophenyl-phenylether	10.76	248	139016	45.863	ng		94
67) Hexachlorobenzene	10.83	284	135362	42.048	ng		93
68) Atrazine	10.92	200	120006	43.266	ng		98
69) Pentachlorophenol	11.03	266	74084	38.450	ng		98
70) Phenanthrene	11.24	178	544331	39.939	ng		99
71) Anthracene	11.29	178	547587	39.613	ng		99
72) Carbazole	11.45	167	530325	38.559	ng		99
73) Di-n-butylphthalate	11.79	149	698867	44.139	ng		99
74) Fluoranthene	12.42	202	528912	36.314	ng		96
76) Benzidine	12.55	184	333838	42.727	ng		99
77) Pyrene	12.65	202	550353	35.436	ng		100
79) Butylbenzylphthalate	13.27	149	248749	37.646	ng		95
80) Benzo(a)anthracene	13.83	228	514091	39.385	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	214162	43.172	ng		97
82) Chrysene	13.87	228	498198	38.508	ng		100
83) Bis(2-ethylhexyl)phthalate	13.83	149	328389	39.408	ng		99
84) Di-n-octyl phthalate	14.44	149	617891	43.367	ng		99
85) Indeno(1,2,3-cd)pyrene	16.59	276	340229	32.444	ng	#	93
87) Benzo(b)fluoranthene	14.84	252	429725	41.392	ng		98
88) Benzo(k)fluoranthene	14.87	252	423307	42.969	ng	#	95
89) Benzo(a)pyrene	15.18	252	380427	40.666	ng		99
90) Dibenzo(a,h)anthracene	16.60	278	287231	37.426	ng	#	96
91) Benzo(g,h,i)perylene	16.99	276	271446	35.988	ng	#	93

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

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