Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110439.D
Acq On : 3 Nov 2018 4:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/5/2018 4:01:41 PM

Quant Time: Nov 05 07:32:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	78355	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	295428	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	116727	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	203439	20.00	ng		0.00
76) Chrysene-d12	14.14	240	139515	20.00	ng		0.00
87) Perylene-d12	15.66	264	104521	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	418378	86.95	ng		0.00
7) Phenol-d6	6.59	99	492026	79.95	ng		0.00
23) Nitrobenzene-d5	7.52	82	430217	86.37	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	89343	77.27	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	730915	98.33	ng		0.00
79) Terphenyl-d14	13.07	244	656190	97.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	107776	42.752	ng		93
3) Pyridine	3.58	79	235345	41.914	ng		87
4) n-Nitrosodimethylamine	3.53	42	100318	42.645	ng		90
6) Aniline	6.62	93	312935	39.033	ng	#	54
8) 2-Chlorophenol	6.75	128	228325	41.159	ng		98
9) Benzaldehyde	6.51	77	146855	41.550	ng		99
10) Phenol	6.60	94	285357	43.376	ng	#	65
11) bis(2-Chloroethyl)ether	6.69	93	216555	40.011	ng		97
12) 1,3-Dichlorobenzene	6.90	146	251854	41.255	ng		98
13) 1,4-Dichlorobenzene	6.97	146	253582	41.071	ng		99
14) 1,2-Dichlorobenzene	7.13	146	235577	41.101	ng		99
15) Benzyl Alcohol	7.10	79	182772	38.612	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	335817	38.806	ng		69
17) 2-Methylphenol	7.20	107	171381	38.765	ng	#	81
18) Hexachloroethane	7.46	117	68320	30.224	ng		92
19) n-Nitroso-di-n-propylamine	7.36	70	149097	37.762	ng		94
20) 3+4-Methylphenols	7.36	107	218410	38.219	ng		95
22) Acetophenone	7.37	105	299368	43.977	ng		98
24) Nitrobenzene	7.54	77	220872	42.952	ng		99
25) Isophorone	7.77	82	334136	39.355	ng		97
26) 2-Nitrophenol	7.86	139	80620	32.946	ng		92
27) 2,4-Dimethylphenol	7.89	122	164155	40.461	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	241136	41.807	ng		98
29) 2,4-Dichlorophenol	8.10	162	161136	39.313	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	190574	41.509	ng		96
31) Naphthalene	8.26	128	556978	40.906	ng		99
32) Benzoic acid	7.99	122	63967m	20.400	ng		
33) 4-Chloroaniline	8.31	127	232703	37.974	ng		99
34) Hexachlorobutadiene	8.37	225	110427	43.318	ng		99
35) Caprolactam	8.68	113	48286	33.799	ng	#	87
36) 4-Chloro-3-methylphenol	8.79	107	160370	36.182	ng		96
37) 2-Methylnaphthalene	8.95	142	341286	37.884	ng		97
38) 1-Methylnaphthalene	9.05	142	324200	37.240	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	164451	45.217	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	6157	3.311	ng		99
43) 2,4,6-Trichlorophenol	9.23	196	99128	42.257	ng		98
44) 2,4,5-Trichlorophenol	9.27	196	98319	39.651	ng		96
46) 1,1'-Biphenyl	9.42	154	478079	45.292	ng		99
47) 2-Chloronaphthalene	9.45	162	330914	42.738	ng		99
48) 2-Nitroaniline	9.54	65	108490	46.238	ng		95
49) Acenaphthylene	9.86	152	461329	41.251	ng		98
50) Dimethylphthalate	9.71	163	377492	43.810	ng		99
51) 2,6-Dinitrotoluene	9.78	165	66537	35.849	ng		90
52) Acenaphthene	10.03	154	289767	39.167	ng		97
53) 3-Nitroaniline	9.96	138	100704	45.626	ng		83
54) 2,4-Dinitrophenol	10.07	184	339	5.605	ng	#	55
55) Dibenzofuran	10.20	168	415686	40.131	ng		98
56) 4-Nitrophenol	10.11	139	53349	32.658	ng		95
57) 2,4-Dinitrotoluene	10.19	165	76108	32.283	ng		90
58) Fluorene	10.55	166	309782	40.184	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	73712	36.471	ng		93
60) Diethylphthalate	10.40	149	357008	42.445	ng		98
61) 4-Chlorophenyl-phenylether	10.53	204	167251	41.126	ng		98
62) 4-Nitroaniline	10.57	138	98836	45.023	ng		93
63) Azobenzene	10.70	77	324777	38.900	ng		96
66) n-Nitrosodiphenylamine	10.65	169	290985	43.608	ng		96
67) 4-Bromophenyl-phenylether	11.03	248	93328	42.293	ng		96
68) Hexachlorobenzene	11.10	284	96758	41.325	ng		95
69) Atrazine	11.17	200	72046	34.165	ng		99
70) Pentachlorophenol	11.29	266	45781	33.532	ng		98
71) Phenanthrene	11.52	178	442270	41.548	ng		99
72) Anthracene	11.57	178	455911	42.729	ng		99
73) Carbazole	11.72	167	441708	42.399	ng		100
74) Di-n-butylphthalate	12.03	149	535111	45.480	ng		99
75) Fluoranthene	12.71	202	448354	41.501	ng		97
77) Benzidine	12.83	184	259553	Below Cal			98
78) Pyrene	12.94	202	456318	45.623	ng		98
80) Butylbenzylphthalate	13.54	149	215137	49.556	ng		95
81) Benzo(a)anthracene	14.13	228	337885	40.839	ng		99
82) 3,3'-Dichlorobenzidine	14.09	252	134616	46.726	ng		98
83) Chrysene	14.16	228	325269	41.392	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	292036	49.763	ng		98
85) Di-n-octyl phthalate	14.70	149	447574	49.048	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	233713	35.850	ng		97
88) Benzo(b)fluoranthene	15.20	252	253796	42.049	ng		97
89) Benzo(k)fluoranthene	15.23	252	247551m	41.720	ng		
90) Benzo(a)pyrene	15.60	252	228126	41.075	ng		99
91) Dibenzo(a,h)anthracene	17.24	278	196469	40.998	ng		99
92) Benzo(g,h,i)perylene	17.70	276	179268	37.963	ng		98

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

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