Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111414.D
Acq On : 14 Dec 2018 13:06
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF121418

Manual Integrations APPROVED
Sohil
12/17/2018 2:36:17 PM

Quant Time: Dec 14 13:34:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	199863	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	848857	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	410341	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	733764	20.00	ng		0.00
76) Chrysene-d12	13.96	240	588277	20.00	ng		0.00
87) Perylene-d12	15.39	264	489048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	978825	81.50	ng		0.00
7) Phenol-d6	6.44	99	1241864	77.73	ng		0.00
23) Nitrobenzene-d5	7.36	82	1177915	82.63	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	283643	77.17	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2099253	79.02	ng		0.00
79) Terphenyl-d14	12.90	244	1864932	74.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	223911	38.600	ng		97
3) Pyridine	3.23	79	595892	40.901	ng		93
4) n-Nitrosodimethylamine	3.17	42	273180	41.281	ng		86
6) Aniline	6.46	93	767479	38.728	ng	#	74
8) 2-Chlorophenol	6.59	128	566407	39.469	ng		94
9) Benzaldehyde	6.34	77	359587	37.108	ng		99
10) Phenol	6.45	94	697253	39.178	ng	#	73
11) bis(2-Chloroethyl)ether	6.53	93	550737	39.476	ng		97
12) 1,3-Dichlorobenzene	6.73	146	611543	38.712	ng		99
13) 1,4-Dichlorobenzene	6.81	146	622093	38.798	ng		98
14) 1,2-Dichlorobenzene	6.97	146	583738	38.698	ng		98
15) Benzyl Alcohol	6.94	79	479017	39.405	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1067911	39.204	ng		99
17) 2-Methylphenol	7.06	107	442651	38.327	ng		95
18) Hexachloroethane	7.31	117	230421	38.614	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	400194	37.968	ng		90
20) 3+4-Methylphenols	7.21	107	557809	38.503	ng	#	86
22) Acetophenone	7.20	105	771019	40.689	ng	#	93
24) Nitrobenzene	7.37	77	585606	40.271	ng		99
25) Isophorone	7.62	82	959485	39.780	ng		98
26) 2-Nitrophenol	7.69	139	309573	41.051	ng		100
27) 2,4-Dimethylphenol	7.74	122	447289	40.913	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	660388	39.661	ng		99
29) 2,4-Dichlorophenol	7.94	162	467551	40.062	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	479855	39.277	ng		99
31) Naphthalene	8.10	128	1553727	39.134	ng		96
32) Benzoic acid	7.86	122	389261m	41.203	ng		
33) 4-Chloroaniline	8.15	127	675573	38.266	ng		99
34) Hexachlorobutadiene	8.22	225	271089	40.275	ng		97
35) Caprolactam	8.53	113	170534m	39.357	ng		
36) 4-Chloro-3-methylphenol	8.64	107	508769	39.605	ng		99
37) 2-Methylnaphthalene	8.79	142	1020356	37.979	ng		99
38) 1-Methylnaphthalene	8.89	142	976589	37.627	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	438643	38.979	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	239992	41.538	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	314495	39.487	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	336012	39.646	ng		96
46) 1,1'-Biphenyl	9.26	154	1354641	38.961	ng		94
47) 2-Chloronaphthalene	9.28	162	1032440	39.066	ng		97
48) 2-Nitroaniline	9.37	65	335747	39.127	ng		95
49) Acenaphthylene	9.69	152	1538607	39.221	ng		96
50) Dimethylphthalate	9.56	163	1164577	39.408	ng		99
51) 2,6-Dinitrotoluene	9.62	165	266858	40.118	ng		93
52) Acenaphthene	9.87	154	968782	39.072	ng		98
53) 3-Nitroaniline	9.79	138	315743	39.079	ng		94
54) 2,4-Dinitrophenol	9.89	184	98002	38.725	ng		94
55) Dibenzofuran	10.04	168	1412927	39.259	ng		96
56) 4-Nitrophenol	9.96	139	232031	41.498	ng		91
57) 2,4-Dinitrotoluene	10.02	165	351178	40.223	ng		95
58) Fluorene	10.38	166	1019685	39.061	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	262052	39.574	ng		99
60) Diethylphthalate	10.26	149	1176465	39.301	ng		97
61) 4-Chlorophenyl-phenylether	10.37	204	498019	38.993	ng		99
62) 4-Nitroaniline	10.40	138	315179	39.406	ng		99
63) Azobenzene	10.53	77	1133934	38.424	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	161434	38.971	ng		92
66) n-Nitrosodiphenylamine	10.49	169	993362	39.258	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	302053	38.194	ng		98
68) Hexachlorobenzene	10.93	284	317132	38.983	ng		99
69) Atrazine	11.02	200	292653	40.020	ng		96
70) Pentachlorophenol	11.12	266	198101	39.702	ng		96
71) Phenanthrene	11.34	178	1480174	39.148	ng		95
72) Anthracene	11.39	178	1510517	39.065	ng		95
73) Carbazole	11.55	167	1567391	39.199	ng		97
74) Di-n-butylphthalate	11.88	149	1776486	39.893	ng		97
75) Fluoranthene	12.53	202	1486896	40.198	ng		98
77) Benzidine	12.64	184	761103	35.195	ng		98
78) Pyrene	12.76	202	1558735	37.582	ng		97
80) Butylbenzylphthalate	13.37	149	763803	37.781	ng		96
81) Benzo(a)anthracene	13.94	228	1228255	38.399	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	478448	36.794	ng		96
83) Chrysene	13.98	228	1248813	37.061	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	992643	38.442	ng		98
85) Di-n-octyl phthalate	14.56	149	1731933	39.765	ng		98
86) Indeno(1,2,3-cd)pyrene	16.81	276	852679	35.061	ng		96
88) Benzo(b)fluoranthene	14.98	252	1068257	37.467	ng		99
89) Benzo(k)fluoranthene	15.01	252	1124968	41.293	ng		99
90) Benzo(a)pyrene	15.34	252	1001054	38.934	ng	#	96
91) Dibenzo(a,h)anthracene	16.83	278	729846	35.985	ng		97
92) Benzo(g,h,i)perylene	17.23	276	683308	34.323	ng		95

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

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