Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111108.D
Acq On : 5 Dec 2018 14:50
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
12/6/2018 12:10:44 PM

Quant Time: Dec 05 17:26:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 15:25:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	519964	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2126153	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	992609	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1695229	20.00	ng		0.00
76) Chrysene-d12	13.95	240	1080332	20.00	ng		0.00
87) Perylene-d12	15.38	264	919888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2603803	83.04	ng		0.00
7) Phenol-d6	6.43	99	3364524	82.34	ng		0.00
23) Nitrobenzene-d5	7.37	82	2935723	79.02	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	636120	64.53	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	4501611	65.70	ng		0.00
79) Terphenyl-d14	12.90	244	4063153	73.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	760543	50.629	ng	#	83
3) Pyridine	3.25	79	1692515	51.453	ng	#	71
4) n-Nitrosodimethylamine	3.19	42	841811	55.928	ng		80
6) Aniline	6.47	93	2287462	45.285	ng	#	53
8) 2-Chlorophenol	6.59	128	1520735	40.925	ng		99
9) Benzaldehyde	6.35	77	951750	43.637	ng		96
10) Phenol	6.45	94	1814786m	39.438	ng		
11) bis(2-Chloroethyl)ether	6.54	93	1504275	43.391	ng		88
12) 1,3-Dichlorobenzene	6.75	146	1580963	38.728	ng		98
13) 1,4-Dichlorobenzene	6.82	146	1609285	38.335	ng		97
14) 1,2-Dichlorobenzene	6.98	146	1509222	38.198	ng		99
15) Benzyl Alcohol	6.95	79	1350544	43.009	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2965893	53.757	ng		65
17) 2-Methylphenol	7.06	107	1244775	42.131	ng	#	81
18) Hexachloroethane	7.32	117	623758	40.393	ng	#	88
19) n-Nitroso-di-n-propylamine	7.22	70	1123335	42.204	ng	#	84
20) 3+4-Methylphenols	7.21	107	1502802	38.264	ng	#	83
22) Acetophenone	7.22	105	1985592	39.842	ng	#	88
24) Nitrobenzene	7.39	77	1577189	40.824	ng		94
25) Isophorone	7.63	82	2575815	42.268	ng		97
26) 2-Nitrophenol	7.70	139	696523	37.109	ng		96
27) 2,4-Dimethylphenol	7.74	122	1203023	42.442	ng		96
28) bis(2-Chloroethoxy)methane	7.84	93	1759668	43.102	ng		99
29) 2,4-Dichlorophenol	7.94	162	1213085	40.898	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	1212584	36.479	ng		94
31) Naphthalene	8.11	128	3734392	37.470	ng		95
32) Benzoic acid	7.85	122	881894m	41.847	ng		
33) 4-Chloroaniline	8.15	127	1792803	42.263	ng		96
34) Hexachlorobutadiene	8.23	225	663908	35.066	ng		100
35) Caprolactam	8.53	113	434191	42.877	ng	#	70
36) 4-Chloro-3-methylphenol	8.63	107	1334431	40.491	ng		98
37) 2-Methylnaphthalene	8.80	142	2527239	38.391	ng		100
38) 1-Methylnaphthalene	8.90	142	2408356m	37.612	ng		
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1033889	33.111	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	578211	184.028	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	781475	41.905	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	796594	40.567	ng		96
46) 1,1'-Biphenyl	9.26	154	3195373	34.917	ng		94
47) 2-Chloronaphthalene	9.29	162	2484564	37.445	ng		94
48) 2-Nitroaniline	9.37	65	844878	40.709	ng		97
49) Acenaphthylene	9.70	152	3589371	38.043	ng		94
50) Dimethylphthalate	9.56	163	2731058	37.515	ng		98
51) 2,6-Dinitrotoluene	9.62	165	625544	38.599	ng		94
52) Acenaphthene	9.87	154	2269923	37.528	ng		99
53) 3-Nitroaniline	9.79	138	773616	40.956	ng		97
54) 2,4-Dinitrophenol	9.89	184	162138	31.473	ng	#	74
55) Dibenzofuran	10.05	168	3257890	36.921	ng		96
56) 4-Nitrophenol	9.93	139	595645	63.228	ng		90
57) 2,4-Dinitrotoluene	10.02	165	781713	37.178	ng		91
58) Fluorene	10.39	166	2290205	33.359	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	607911m	37.722	ng		
60) Diethylphthalate	10.26	149	2747867	36.603	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	1139480	31.732	ng		94
62) 4-Nitroaniline	10.40	138	689238	39.190	ng		92
63) Azobenzene	10.54	77	2917420	39.871	ng		90
65) 4,6-Dinitro-2-methylphenol	10.43	198	283577	35.363	ng	#	71
66) n-Nitrosodiphenylamine	10.50	169	2331663	41.317	ng		93
67) 4-Bromophenyl-phenylether	10.87	248	707074	38.298	ng	#	86
68) Hexachlorobenzene	10.94	284	718287	36.526	ng	#	92
69) Atrazine	11.02	200	611400	42.099	ng		96
70) Pentachlorophenol	11.12	266	504950	64.540	ng		98
71) Phenanthrene	11.35	178	3289903	36.642	ng		95
72) Anthracene	11.40	178	3326412	36.380	ng		96
73) Carbazole	11.55	167	3456295	38.945	ng		95
74) Di-n-butylphthalate	11.89	149	3955545	38.120	ng		98
75) Fluoranthene	12.53	202	3266783	35.401	ng		94
77) Benzidine	12.65	184	1196987	43.318	ng		97
78) Pyrene	12.76	202	3367949	42.684	ng		96
80) Butylbenzylphthalate	13.38	149	1707596	47.934	ng		91
81) Benzo(a)anthracene	13.94	228	2548849	39.962	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	993306	45.419	ng	#	96
83) Chrysene	13.98	228	2516351	40.077	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	2054929	43.291	ng		96
85) Di-n-octyl phthalate	14.56	149	3181116	42.455	ng	#	88
86) Indeno(1,2,3-cd)pyrene	16.79	276	1974428m	43.809	ng		
88) Benzo(b)fluoranthene	14.97	252	2142534	39.647	ng	#	96
89) Benzo(k)fluoranthene	15.00	252	2013885	36.206	ng	#	95
90) Benzo(a)pyrene	15.32	252	1935847	38.484	ng	#	95
91) Dibenzo(a,h)anthracene	16.81	278	1636576	39.433	ng	#	95
92) Benzo(g,h,i)perylene	17.22	276	1647302	41.165	ng	#	91

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

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