Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111205.D
Acq On : 8 Dec 2018 00:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/11/2018 8:44:51 AM

Quant Time: Dec 08 03:11:07 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 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	445923	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1643235	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	841746	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1138575	20.00	ng		0.00
76) Chrysene-d12	13.96	240	871879	20.00	ng		0.01
87) Perylene-d12	15.39	264	786238	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2097923	73.41	ng		0.00
7) Phenol-d6	6.44	99	2741126	74.46	ng		0.00
23) Nitrobenzene-d5	7.37	82	2517806	90.71	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	473514	70.77	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3989339	88.28	ng		0.00
79) Terphenyl-d14	12.91	244	3158931	74.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	658064	40.035	ng		96
3) Pyridine	3.23	79	1458349	40.004	ng		94
4) n-Nitrosodimethylamine	3.16	42	653861	36.428	ng		84
6) Aniline	6.47	93	1846950	37.554	ng		100
8) 2-Chlorophenol	6.59	128	1329963	40.378	ng		97
9) Benzaldehyde	6.35	77	857754	44.465	ng		99
10) Phenol	6.45	94	1661839	41.403	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	1343910	40.967	ng		95
12) 1,3-Dichlorobenzene	6.75	146	1392785	39.760	ng		95
13) 1,4-Dichlorobenzene	6.83	146	1374725	38.997	ng		95
14) 1,2-Dichlorobenzene	6.98	146	1250442	38.132	ng		99
15) Benzyl Alcohol	6.95	79	1100458	37.730	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2352281	36.862	ng		98
17) 2-Methylphenol	7.06	107	1023016	37.837	ng		99
18) Hexachloroethane	7.32	117	505026	38.189	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	943583	38.143	ng		95
20) 3+4-Methylphenols	7.22	107	1239731	37.594	ng	#	86
22) Acetophenone	7.22	105	1639775	41.293	ng		95
24) Nitrobenzene	7.39	77	1374645	46.036	ng		97
25) Isophorone	7.63	82	2021372	39.683	ng		100
26) 2-Nitrophenol	7.70	139	630139	49.944	ng		91
27) 2,4-Dimethylphenol	7.74	122	968504	40.759	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	1392979	40.396	ng		99
29) 2,4-Dichlorophenol	7.95	162	971389	41.525	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	964321	40.841	ng		98
31) Naphthalene	8.11	128	2942503	41.128	ng		98
32) Benzoic acid	7.85	122	795600m	50.775	ng		
33) 4-Chloroaniline	8.16	127	1363939	39.439	ng		97
34) Hexachlorobutadiene	8.24	225	584667	45.565	ng		99
35) Caprolactam	8.53	113	366852	42.712	ng	#	88
36) 4-Chloro-3-methylphenol	8.64	107	1178759	46.004	ng		97
37) 2-Methylnaphthalene	8.80	142	2220285	44.990	ng		99
38) 1-Methylnaphthalene	8.90	142	2150588	45.327	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	965135	43.021	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	302077	25.536	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	706189	43.100	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	719119	43.295	ng		100
46) 1,1'-Biphenyl	9.27	154	2833301	41.117	ng		100
47) 2-Chloronaphthalene	9.29	162	2254385	42.102	ng		97
48) 2-Nitroaniline	9.38	65	787877	45.404	ng		95
49) Acenaphthylene	9.70	152	3171176	42.369	ng		99
50) Dimethylphthalate	9.57	163	2494278	42.577	ng		99
51) 2,6-Dinitrotoluene	9.62	165	591370	47.613	ng		90
52) Acenaphthene	9.88	154	1853551	37.486	ng		100
53) 3-Nitroaniline	9.79	138	676011	43.330	ng		91
54) 2,4-Dinitrophenol	9.89	184	88510	27.238	ng	#	69
55) Dibenzofuran	10.05	168	2545629	37.378	ng		95
56) 4-Nitrophenol	9.94	139	446910	38.014	ng		91
57) 2,4-Dinitrotoluene	10.02	165	679502	42.360	ng		96
58) Fluorene	10.39	166	1632808	33.998	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	482535	38.925	ng		94
60) Diethylphthalate	10.27	149	2035307	34.765	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	826312	34.912	ng		94
62) 4-Nitroaniline	10.40	138	484295	34.394	ng		97
63) Azobenzene	10.55	77	2043275	32.782	ng		94
65) 4,6-Dinitro-2-methylphenol	10.43	198	147635	31.386	ng		81
66) n-Nitrosodiphenylamine	10.50	169	1665102	41.766	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	520817	43.212	ng		91
68) Hexachlorobenzene	10.94	284	523775	42.500	ng		95
69) Atrazine	11.03	200	450239	Below Cal			97
70) Pentachlorophenol	11.13	266	324396	40.027	ng		97
71) Phenanthrene	11.35	178	2319098	42.345	ng		96
72) Anthracene	11.40	178	2300115	41.665	ng		97
73) Carbazole	11.55	167	2277609	39.650	ng		97
74) Di-n-butylphthalate	11.89	149	2931239	43.592	ng		99
75) Fluoranthene	12.53	202	2366782	44.163	ng		99
77) Benzidine	12.65	184	1023634	41.477	ng		99
78) Pyrene	12.76	202	2515788	37.037	ng		98
80) Butylbenzylphthalate	13.39	149	1252677	38.175	ng		95
81) Benzo(a)anthracene	13.95	228	1974029	38.643	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	807510	41.887	ng		99
83) Chrysene	13.99	228	1995352	39.346	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1528856	38.573	ng		99
85) Di-n-octyl phthalate	14.56	149	2349220	37.703	ng		98
86) Indeno(1,2,3-cd)pyrene	16.81	276	1627016	39.959	ng	#	85
88) Benzo(b)fluoranthene	14.99	252	1789182	40.160	ng		98
89) Benzo(k)fluoranthene	15.02	252	1623381	37.692	ng		98
90) Benzo(a)pyrene	15.34	252	1621069	39.669	ng		97
91) Dibenzo(a,h)anthracene	16.83	278	1394977	40.678	ng		98
92) Benzo(g,h,i)perylene	17.23	276	1257092	36.479	ng		99

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

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