Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111130.D
Acq On : 6 Dec 2018 11:24
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/10/2018 12:18:53 PM

Quant Time: Dec 07 11:06:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 06 13:41:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	544540	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2255650	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	1100188	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1888021	20.00	ng		0.00
76) Chrysene-d12	13.97	240	1343774	20.00	ng		0.00
87) Perylene-d12	15.40	264	1109701	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2590631	74.24	ng		0.00
7) Phenol-d6	6.44	99	3333651	74.16	ng		0.00
23) Nitrobenzene-d5	7.37	82	3102511	81.43	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	705568	80.68	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	4728525	78.45	ng		0.00
79) Terphenyl-d14	12.92	244	4446799	67.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	736697	36.702	ng		99
3) Pyridine	3.26	79	1664557	37.391	ng		98
4) n-Nitrosodimethylamine	3.20	42	819198	37.374	ng		92
6) Aniline	6.47	93	2269418	37.787	ng		99
8) 2-Chlorophenol	6.59	128	1512201	37.596	ng		97
9) Benzaldehyde	6.35	77	917221	37.217	ng		96
10) Phenol	6.45	94	1832156m	37.380	ng		
11) bis(2-Chloroethyl)ether	6.55	93	1506006	37.594	ng		98
12) 1,3-Dichlorobenzene	6.75	146	1618123	37.827	ng		97
13) 1,4-Dichlorobenzene	6.83	146	1639404	38.083	ng		96
14) 1,2-Dichlorobenzene	6.98	146	1517413	37.893	ng		98
15) Benzyl Alcohol	6.95	79	1369828	38.460	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2969776	38.110	ng		99
17) 2-Methylphenol	7.06	107	1256536	38.057	ng		99
18) Hexachloroethane	7.33	117	622984	38.578	ng		90
19) n-Nitroso-di-n-propylamine	7.23	70	1149152	38.040	ng		98
20) 3+4-Methylphenols	7.22	107	1497231	37.180	ng		97
22) Acetophenone	7.22	105	2017353	37.009	ng	#	97
24) Nitrobenzene	7.39	77	1619291	39.506	ng		98
25) Isophorone	7.63	82	2629072	37.600	ng		98
26) 2-Nitrophenol	7.70	139	783910	45.263	ng		98
27) 2,4-Dimethylphenol	7.75	122	1238415	37.968	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	1798033	37.985	ng		98
29) 2,4-Dichlorophenol	7.95	162	1247197	38.840	ng		100
30) 1,2,4-Trichlorobenzene	8.03	180	1257395	38.795	ng		100
31) Naphthalene	8.12	128	3826075	38.959	ng		99
32) Benzoic acid	7.86	122	918087	42.684	ng		97
33) 4-Chloroaniline	8.16	127	1809787	38.123	ng		99
34) Hexachlorobutadiene	8.24	225	694772	39.445	ng		100
35) Caprolactam	8.53	113	461344	39.130	ng		95
36) 4-Chloro-3-methylphenol	8.64	107	1350857	38.407	ng		99
37) 2-Methylnaphthalene	8.80	142	2605562	38.462	ng		99
38) 1-Methylnaphthalene	8.90	142	2495432	38.315	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1083609	36.955	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	630650	40.789	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	813403	37.982	ng	96
44) 2,4,5-Trichlorophenol	9.12	196	836087	38.513	ng	98
46) 1,1'-Biphenyl	9.27	154	3300995	36.652	ng	99
47) 2-Chloronaphthalene	9.29	162	2586166	36.953	ng	99
48) 2-Nitroaniline	9.38	65	918119	40.481	ng	99
49) Acenaphthylene	9.71	152	3681130	37.629	ng	99
50) Dimethylphthalate	9.57	163	2860421	37.357	ng	98
51) 2,6-Dinitrotoluene	9.63	165	675402	41.605	ng	94
52) Acenaphthene	9.88	154	2400330	37.141	ng	100
53) 3-Nitroaniline	9.79	138	833474	40.874	ng	98
54) 2,4-Dinitrophenol	9.89	184	218996	45.665	ng	90
55) Dibenzofuran	10.05	168	3411443	38.324	ng	100
56) 4-Nitrophenol	9.95	139	636035	41.392	ng	97
57) 2,4-Dinitrotoluene	10.03	165	878304	41.892	ng	95
58) Fluorene	10.39	166	2399076	38.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	660277	40.751	ng	94
60) Diethylphthalate	10.27	149	2929188	38.280	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	1222913	39.532	ng	98
62) 4-Nitroaniline	10.40	138	776466	42.190	ng	99
63) Azobenzene	10.55	77	3033380	37.235	ng	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	361462	46.341	ng	84
66) n-Nitrosodiphenylamine	10.50	169	2450309	37.064	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	760981	38.076	ng	98
68) Hexachlorobenzene	10.95	284	792412	38.775	ng	96
69) Atrazine	11.03	200	632660	36.335	ng	98
70) Pentachlorophenol	11.13	266	551087	41.007	ng	98
71) Phenanthrene	11.35	178	3490096	38.430	ng	99
72) Anthracene	11.40	178	3531321	38.575	ng	100
73) Carbazole	11.56	167	3610912	37.908	ng	99
74) Di-n-butylphthalate	11.90	149	4166827	37.370	ng	99
75) Fluoranthene	12.54	202	3437491	38.681	ng	98
77) Benzidine	12.66	184	1499942	36.824	ng	99
78) Pyrene	12.77	202	3543885	33.851	ng	99
80) Butylbenzylphthalate	13.39	149	1898559	37.540	ng	95
81) Benzo(a)anthracene	13.95	228	2801402	35.582	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	1131481	38.081	ng	97
83) Chrysene	13.99	228	2818795	36.064	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	2348583	38.446	ng	97
85) Di-n-octyl phthalate	14.57	149	3963985	41.277	ng	98
86) Indeno(1,2,3-cd)pyrene	16.82	276	2008054m	31.998	ng	
88) Benzo(b)fluoranthene	14.99	252	2594565	41.262	ng	99
89) Benzo(k)fluoranthene	15.02	252	2201803	36.221	ng	99
90) Benzo(a)pyrene	15.34	252	2188014	37.936	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	1684007	34.793	ng	99
92) Benzo(g,h,i)perylene	17.24	276	1664559	34.223	ng	98

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

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