Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113813.D
Acq On : 18 Apr 2019 10:01
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
4/23/2019 8:16:34 AM

Quant Time: Apr 18 13:08:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 12:50:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179990	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	716179	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	365478	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	703219	20.00	ng		0.00
76) Chrysene-d12	14.04	240	522589	20.00	ng		0.00
87) Perylene-d12	15.51	264	415581	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1262721	119.63	ng		0.00
7) Phenol-d6	6.52	99	1586962	121.99	ng		0.00
23) Nitrobenzene-d5	7.46	82	1433512	117.24	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	487232	110.98	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2504669	110.33	ng		0.00
79) Terphenyl-d14	13.00	244	2878425	112.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	326828	65.376	ng		98
3) Pyridine	3.45	79	892404	68.212	ng		99
4) n-Nitrosodimethylamine	3.41	42	311854	56.102	ng		98
6) Aniline	6.56	93	1144997	72.611	ng		98
8) 2-Chlorophenol	6.69	128	720513	59.000	ng		98
9) Benzaldehyde	6.45	77	402305	52.009	ng		96
10) Phenol	6.54	94	906326m	60.999	ng		
11) bis(2-Chloroethyl)ether	6.63	93	726569	62.864	ng		100
12) 1,3-Dichlorobenzene	6.84	146	797476	60.638	ng		98
13) 1,4-Dichlorobenzene	6.92	146	793422	59.700	ng		99
14) 1,2-Dichlorobenzene	7.07	146	729428	60.805	ng		98
15) Benzyl Alcohol	7.03	79	656131	74.592	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	879031	48.862	ng		98
17) 2-Methylphenol	7.14	107	593115	62.670	ng		98
18) Hexachloroethane	7.42	117	289300	59.805	ng		99
19) n-Nitroso-di-n-propylamine	7.32	70	532098	66.329	ng		98
20) 3+4-Methylphenols	7.30	107	695314	60.635	ng		94
22) Acetophenone	7.30	105	944090	60.020	ng	#	93
24) Nitrobenzene	7.48	77	804286	63.876	ng		98
25) Isophorone	7.72	82	1436919	61.008	ng		100
26) 2-Nitrophenol	7.79	139	342954	50.608	ng		96
27) 2,4-Dimethylphenol	7.83	122	585681	60.454	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	909400	61.071	ng		99
29) 2,4-Dichlorophenol	8.03	162	637523	61.503	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	698590	62.060	ng		99
31) Naphthalene	8.20	128	1939608	55.896	ng		99
32) Benzoic acid	7.96	122	424115m	56.534	ng		
33) 4-Chloroaniline	8.25	127	835334	60.710	ng		99
34) Hexachlorobutadiene	8.32	225	424066	61.792	ng		99
35) Caprolactam	8.63	113	206243	62.679	ng		96
36) 4-Chloro-3-methylphenol	8.72	107	623695	59.939	ng		99
37) 2-Methylnaphthalene	8.89	142	1302180	57.057	ng		99
38) 1-Methylnaphthalene	8.99	142	1260714	57.288	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	678893	57.436	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	385195	109.703	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	451962	60.577	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	479881	59.910	ng		98
46) 1,1'-Biphenyl	9.36	154	1596429	52.934	ng		99
47) 2-Chloronaphthalene	9.38	162	1323432	57.958	ng		98
48) 2-Nitroaniline	9.47	65	374868	53.652	ng		94
49) Acenaphthylene	9.80	152	2037129	54.863	ng		99
50) Dimethylphthalate	9.66	163	1497466	55.584	ng		100
51) 2,6-Dinitrotoluene	9.71	165	356190	59.980	ng	#	88
52) Acenaphthene	9.97	154	1203404	56.618	ng		99
53) 3-Nitroaniline	9.88	138	368627	54.597	ng		98
54) 2,4-Dinitrophenol	9.98	184	119285	42.935	ng	#	15
55) Dibenzofuran	10.14	168	1811367	58.096	ng		96
56) 4-Nitrophenol	10.03	139	304698	72.751	ng		95
57) 2,4-Dinitrotoluene	10.12	165	449680	62.611	ng		99
58) Fluorene	10.48	166	1334099	54.100	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	415172	59.880	ng		99
60) Diethylphthalate	10.35	149	1437847	55.356	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	689920	56.880	ng		96
62) 4-Nitroaniline	10.49	138	356107	51.867	ng		98
63) Azobenzene	10.63	77	1460915	59.402	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	181755	49.095	ng		93
66) n-Nitrosodiphenylamine	10.59	169	1235797	57.244	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	484132	61.384	ng		95
68) Hexachlorobenzene	11.03	284	533088	58.990	ng		94
69) Atrazine	11.12	200	385339	56.630	ng		99
70) Pentachlorophenol	11.22	266	316530	74.332	ng		98
71) Phenanthrene	11.44	178	2056598	58.855	ng		99
72) Anthracene	11.49	178	2069840	58.220	ng		99
73) Carbazole	11.64	167	1894513	56.975	ng		99
74) Di-n-butylphthalate	11.97	149	2102068	53.142	ng		99
75) Fluoranthene	12.63	202	2160286	57.693	ng		99
77) Benzidine	12.74	184	753085	38.752	ng		98
78) Pyrene	12.86	202	2179159	54.803	ng		99
80) Butylbenzylphthalate	13.47	149	840998	51.958	ng		98
81) Benzo(a)anthracene	14.04	228	1778312	58.990	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	623070	53.661	ng		99
83) Chrysene	14.07	228	1758124	57.532	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	964324	49.276	ng		99
85) Di-n-octyl phthalate	14.64	149	1523638	47.897	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1604305	56.860	ng		100
88) Benzo(b)fluoranthene	15.09	252	1515522	59.575	ng		99
89) Benzo(k)fluoranthene	15.12	252	1413475	61.911	ng		99
90) Benzo(a)pyrene	15.45	252	1364142	60.347	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	1305324	61.750	ng		99
92) Benzo(g,h,i)perylene	17.44	276	1349480	62.545	ng		100

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

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