Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113814.D
Acq On : 18 Apr 2019 10:29
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
4/23/2019 8:16:35 AM

Quant Time: Apr 18 13:26:23 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	186448	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	729451	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	368873	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	697725	20.00	ng		0.00
76) Chrysene-d12	14.05	240	470255	20.00	ng		0.00
87) Perylene-d12	15.51	264	390965	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1663489	152.14	ng		0.01
7) Phenol-d6	6.53	99	2064629	153.21	ng		0.01
23) Nitrobenzene-d5	7.46	82	1894005	152.09	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	601204	135.68	ng		0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	13.00	244	3293630	142.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	436632	84.315	ng		99
3) Pyridine	3.46	79	1194873	88.167	ng		99
4) n-Nitrosodimethylamine	3.43	42	425667	73.924	ng		99
6) Aniline	6.56	93	1525450	93.387	ng		98
8) 2-Chlorophenol	6.69	128	937780	74.131	ng		97
9) Benzaldehyde	6.45	77	470611	58.732	ng		96
10) Phenol	6.55	94	1169879m	76.010	ng		
11) bis(2-Chloroethyl)ether	6.64	93	954858	79.754	ng		98
12) 1,3-Dichlorobenzene	6.84	146	1035793	76.031	ng		97
13) 1,4-Dichlorobenzene	6.92	146	1028864	74.735	ng		98
14) 1,2-Dichlorobenzene	7.07	146	922233	74.215	ng		99
15) Benzyl Alcohol	7.04	79	855056	93.839	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1157788	62.128	ng		98
17) 2-Methylphenol	7.15	107	782596	79.827	ng		99
18) Hexachloroethane	7.42	117	381852	76.203	ng		97
19) n-Nitroso-di-n-propylamine	7.32	70	704302	84.754	ng		98
20) 3+4-Methylphenols	7.30	107	880928	74.161	ng		92
22) Acetophenone	7.31	105	1214241	75.790	ng	#	92
24) Nitrobenzene	7.48	77	1046442	81.595	ng		99
25) Isophorone	7.73	82	1921204	80.085	ng		99
26) 2-Nitrophenol	7.79	139	469651	68.043	ng		90
27) 2,4-Dimethylphenol	7.83	122	775670	78.607	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	1184287	78.085	ng		99
29) 2,4-Dichlorophenol	8.03	162	831552	78.762	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	909439	79.321	ng		99
31) Naphthalene	8.20	128	2487709	70.386	ng		98
32) Benzoic acid	7.97	122	558201m	73.053	ng		
33) 4-Chloroaniline	8.25	127	1105434	78.879	ng		99
34) Hexachlorobutadiene	8.33	225	557632	79.775	ng		98
35) Caprolactam	8.64	113	272360m	81.267	ng		
36) 4-Chloro-3-methylphenol	8.73	107	824510	77.796	ng		99
37) 2-Methylnaphthalene	8.89	142	1664480	71.605	ng		98
38) 1-Methylnaphthalene	8.99	142	1614997	72.051	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	856388	71.786	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	499554	140.962	ng		100
43) 2,4,6-Trichlorophenol	9.17	196	587020	77.954	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	631940	78.167	ng		99
46) 1,1'-Biphenyl	9.36	154	2001115	65.742	ng		98
47) 2-Chloronaphthalene	9.38	162	1680606	72.922	ng		97
48) 2-Nitroaniline	9.47	65	503226	71.359	ng		99
49) Acenaphthylene	9.80	152	2569474	68.563	ng		99
50) Dimethylphthalate	9.66	163	1891719	69.572	ng		99
51) 2,6-Dinitrotoluene	9.72	165	458346	76.472	ng		91
52) Acenaphthene	9.97	154	1533116	71.466	ng		99
53) 3-Nitroaniline	9.89	138	479479	70.362	ng		96
54) 2,4-Dinitrophenol	9.98	184	170240	60.711	ng	#	57
55) Dibenzofuran	10.15	168	2228605	70.820	ng		97
56) 4-Nitrophenol	10.03	139	394891	93.418	ng		94
57) 2,4-Dinitrotoluene	10.12	165	596076	82.230	ng		90
58) Fluorene	10.49	166	1631909	65.567	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	532011	76.025	ng		98
60) Diethylphthalate	10.36	149	1821156	69.468	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	835810	68.273	ng		99
62) 4-Nitroaniline	10.50	138	465217	67.136	ng		100
63) Azobenzene	10.63	77	1839656	74.113	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	247248	67.311	ng		95
66) n-Nitrosodiphenylamine	10.59	169	1575105	73.535	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	616697	78.808	ng		97
68) Hexachlorobenzene	11.03	284	669066	74.619	ng		98
69) Atrazine	11.12	200	458309	67.884	ng		98
70) Pentachlorophenol	11.22	266	405629	96.006	ng		98
71) Phenanthrene	11.45	178	2514058	72.513	ng		98
72) Anthracene	11.50	178	2548077	72.236	ng		99
73) Carbazole	11.65	167	2317979	70.259	ng		98
74) Di-n-butylphthalate	11.97	149	2564523	65.344	ng		98
75) Fluoranthene	12.63	202	2641848	71.109	ng		98
77) Benzidine	12.74	184	753962	43.115	ng		96
78) Pyrene	12.86	202	2617373	73.149	ng		98
80) Butylbenzylphthalate	13.47	149	1014938	69.683	ng		97
81) Benzo(a)anthracene	14.04	228	2037710	75.118	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	671838	64.301	ng		99
83) Chrysene	14.08	228	2037077	74.078	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	1119871	63.593	ng		100
85) Di-n-octyl phthalate	14.64	149	1725554	60.282	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	2094737	82.505	ng		99
88) Benzo(b)fluoranthene	15.09	252	1894771	79.173	ng		98
89) Benzo(k)fluoranthene	15.12	252	1553401	72.324	ng		100
90) Benzo(a)pyrene	15.46	252	1654608	77.806	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	1668374	83.894	ng		99
92) Benzo(g,h,i)perylene	17.44	276	1773590	87.377	ng		99

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

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