Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108990.D
Acq On : 14 Sep 2018 12:19
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
9/17/2018 1:59:20 PM

Quant Time: Sep 14 13:04:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 12:24:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148354	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	586482	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	285773	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	548101	20.00	ng		0.00
75) Chrysene-d12	13.87	240	324937	20.00	ng		0.00
86) Perylene-d12	15.26	264	319608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1275417	142.43	ng		0.00
7) Phenol-d6	6.37	99	1628034	141.30	ng		0.01
23) Nitrobenzene-d5	7.30	82	1535853	163.88	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	439275	161.02	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	2450723	146.30	ng		0.00
78) Terphenyl-d14	12.82	244	2108119	151.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	317858	73.858	ng		92
3) Pyridine	3.09	79	904733	76.763	ng		91
4) n-Nitrosodimethylamine	3.05	42	341853	75.517	ng	#	94
6) Aniline	6.40	93	1046881	67.555	ng		99
8) 2-Chlorophenol	6.51	128	701167	70.739	ng		100
9) Benzaldehyde	6.27	77	469833	57.479	ng		99
10) Phenol	6.38	94	904332	68.526	ng		74
11) bis(2-Chloroethyl)ether	6.47	93	739842	69.983	ng		95
12) 1,3-Dichlorobenzene	6.67	146	809479	71.565	ng		97
13) 1,4-Dichlorobenzene	6.74	146	810624	71.664	ng		99
14) 1,2-Dichlorobenzene	6.90	146	723178	69.362	ng		99
15) Benzyl Alcohol	6.87	79	619538	70.065	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1052908	66.628	ng		94
17) 2-Methylphenol	6.99	107	593042	70.797	ng		96
18) Hexachloroethane	7.24	117	303419	74.393	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	551427	68.851	ng		97
20) 3+4-Methylphenols	7.15	107	647125	65.949	ng	#	73
22) Acetophenone	7.14	105	925602	69.540	ng	#	90
24) Nitrobenzene	7.31	77	786062	78.173	ng		98
25) Isophorone	7.56	82	1356434	72.563	ng		98
26) 2-Nitrophenol	7.62	139	392227	99.009	ng		97
27) 2,4-Dimethylphenol	7.67	122	582137	72.363	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	877552	70.215	ng		99
29) 2,4-Dichlorophenol	7.87	162	621761	74.955	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	647379	72.013	ng		97
31) Naphthalene	8.03	128	1867949	70.793	ng		98
32) Benzoic acid	7.83	122	441482m	89.625	ng		
33) 4-Chloroaniline	8.08	127	832750	68.718	ng		97
34) Hexachlorobutadiene	8.15	225	393866	73.340	ng		98
35) Caprolactam	8.48	113	208659m	74.233	ng		
36) 4-Chloro-3-methylphenol	8.57	107	647438	73.267	ng		99
37) 2-Methylnaphthalene	8.72	142	1215074	69.705	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	610973	71.521	ng		98
40) Hexachlorocyclopentadiene	8.88	237	359451	83.640	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	445060	76.489	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	470106	77.943	ng		94
45) 1,1'-Biphenyl	9.19	154	1502539	68.295	ng		99
46) 2-Chloronaphthalene	9.21	162	1248897	70.190	ng		98
47) 2-Nitroaniline	9.30	65	419181	86.237	ng		95
48) Acenaphthylene	9.62	152	1853607	69.890	ng		98
49) Dimethylphthalate	9.50	163	1434928	71.790	ng		99
50) 2,6-Dinitrotoluene	9.55	165	338815	88.959	ng		98
51) Acenaphthene	9.80	154	1190773	72.554	ng		99
52) 3-Nitroaniline	9.72	138	389860	85.991	ng		99
53) 2,4-Dinitrophenol	9.82	184	151189	136.492	ng	#	18
54) Dibenzofuran	9.97	168	1635996	68.383	ng		95
55) 4-Nitrophenol	9.88	139	305892	90.251	ng		99
56) 2,4-Dinitrotoluene	9.95	165	441802	90.705	ng	#	96
57) Fluorene	10.31	166	1123932	73.207	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	382294	78.598	ng		88
59) Diethylphthalate	10.19	149	1434770	69.558	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	589989	71.955	ng		94
61) 4-Nitroaniline	10.34	138	380903	92.741	ng		97
62) Azobenzene	10.46	77	1448329	68.024	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	220870	114.340	ng		89
65) n-Nitrosodiphenylamine	10.42	169	1254282	68.829	ng		95
66) 4-Bromophenyl-phenylether	10.79	248	436001	70.430	ng	#	86
67) Hexachlorobenzene	10.85	284	468760	70.934	ng		92
68) Atrazine	10.95	200	409518	70.198	ng		97
69) Pentachlorophenol	11.04	266	341828	84.606	ng		98
70) Phenanthrene	11.26	178	1813663	69.292	ng		99
71) Anthracene	11.31	178	1830988	73.063	ng		97
72) Carbazole	11.47	167	1824897	69.146	ng		99
73) Di-n-butylphthalate	11.81	149	2076945	70.866	ng		99
74) Fluoranthene	12.44	202	1870096	72.163	ng		98
76) Benzidine	12.56	184	780951	50.709	ng		96
77) Pyrene	12.67	202	1922030	76.871	ng		98
79) Butylbenzylphthalate	13.30	149	882858	78.408	ng		98
80) Benzo(a)anthracene	13.85	228	1450917	69.664	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	562984	69.380	ng	#	98
82) Chrysene	13.89	228	1473871	73.100	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	998656	70.576	ng		98
84) Di-n-octyl phthalate	14.47	149	1677692	71.116	ng		100
85) Indeno(1,2,3-cd)pyrene	16.62	276	1387778	77.775	ng		94
87) Benzo(b)fluoranthene	14.87	252	1355805	78.015	ng		98
88) Benzo(k)fluoranthene	14.89	252	1109406	69.319	ng		99
89) Benzo(a)pyrene	15.21	252	1147314	73.165	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	1106854	80.105	ng		95
91) Benzo(g,h,i)perylene	17.04	276	1183865	85.571	ng	#	92

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

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