Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105144.D
Acq On : 8 May 2018 13:59
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
5/9/2018 6:50:46 PM

Quant Time: May 08 14:51:49 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 13:40:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	200356	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	817325	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	402869	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	772073	20.00	ng		0.00
75) Chrysene-d12	14.05	240	552829	20.00	ng		0.04
86) Perylene-d12	15.63	264	533817	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1821806	139.03	ng		0.00
7) Phenol-d6	6.43	99	2197474	136.49	ng		0.01
23) Nitrobenzene-d5	7.37	82	1976794	157.93	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	709406	169.75	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.93	244	3322713	137.03	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	490586	80.351	ng		89
3) Pyridine	3.24	79	1376806	80.205	ng		86
4) n-Nitrosodimethylamine	3.22	42	703845	117.295	ng		86
6) Aniline	6.47	93	1594741	71.297	ng		95
8) 2-Chlorophenol	6.59	128	951832	68.823	ng		98
9) Benzaldehyde	6.35	77	745101	92.744	ng		99
10) Phenol	6.45	94	1185168	69.380	ng		81
11) bis(2-Chloroethyl)ether	6.55	93	959833	70.411	ng		95
12) 1,3-Dichlorobenzene	6.74	146	1097678	70.059	ng		99
13) 1,4-Dichlorobenzene	6.82	146	1114214	71.340	ng		99
14) 1,2-Dichlorobenzene	6.97	146	974460	67.328	ng		100
15) Benzyl Alcohol	6.95	79	824574	67.433	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1789280	97.738	ng		99
17) 2-Methylphenol	7.05	107	860123	71.547	ng		98
18) Hexachloroethane	7.31	117	385475	69.223	ng		93
19) n-Nitroso-di-n-propylamine	7.23	70	747526	71.055	ng		92
20) 3+4-Methylphenols	7.21	107	923198	61.918	ng	#	73
22) Acetophenone	7.22	105	1268348	63.033	ng	#	88
24) Nitrobenzene	7.39	77	1068074	77.288	ng		97
25) Isophorone	7.63	82	2099928	79.337	ng		99
26) 2-Nitrophenol	7.70	139	486003	86.386	ng		95
27) 2,4-Dimethylphenol	7.73	122	952239	81.517	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	1222792	75.559	ng		99
29) 2,4-Dichlorophenol	7.94	162	867983	77.875	ng		94
30) 1,2,4-Trichlorobenzene	8.02	180	915232	74.822	ng		98
31) Naphthalene	8.10	128	2704486	66.452	ng		98
32) Benzoic acid	7.89	122	702622m	75.385	ng		
33) 4-Chloroaniline	8.15	127	1169795	67.091	ng		96
34) Hexachlorobutadiene	8.22	225	536180	80.027	ng		99
35) Caprolactam	8.56	113	276278m	71.055	ng		
36) 4-Chloro-3-methylphenol	8.63	107	904852	75.712	ng		97
37) 2-Methylnaphthalene	8.79	142	1863659	70.792	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	879636	76.275	ng		97
40) Hexachlorocyclopentadiene	8.95	237	597109	92.485	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	629373	78.616	ng		92
43) 2,4,5-Trichlorophenol	9.11	196	635682	70.958	ng		91
45) 1,1'-Biphenyl	9.26	154	2171653	64.167	ng		98
46) 2-Chloronaphthalene	9.29	162	1686474	63.087	ng		96
47) 2-Nitroaniline	9.38	65	592005	89.550	ng		86
48) Acenaphthylene	9.70	152	2613996	62.324	ng		98
49) Dimethylphthalate	9.57	163	2083058	65.568	ng		98
50) 2,6-Dinitrotoluene	9.63	165	500587	85.155	ng		94
51) Acenaphthene	9.87	154	1731319	67.655	ng		98
52) 3-Nitroaniline	9.80	138	520759	75.669	ng		100
53) 2,4-Dinitrophenol	9.90	184	214515	120.044	ng	#	20
54) Dibenzofuran	10.05	168	2404602	67.426	ng		98
55) 4-Nitrophenol	9.95	139	443719	82.078	ng		96
56) 2,4-Dinitrotoluene	10.03	165	638478	82.801	ng	#	92
57) Fluorene	10.39	166	1689043	65.068	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	567115	84.853	ng	#	88
59) Diethylphthalate	10.27	149	2040983	64.506	ng	#	94
60) 4-Chlorophenyl-phenylether	10.38	204	802489	69.417	ng		93
61) 4-Nitroaniline	10.42	138	521722	77.532	ng		97
62) Azobenzene	10.54	77	1968699	65.127	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	297072	88.565	ng		85
65) n-Nitrosodiphenylamine	10.50	169	1718331	64.189	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	597913	72.806	ng	#	88
67) Hexachlorobenzene	10.93	284	688158	74.471	ng	#	83
68) Atrazine	11.03	200	567262	70.203	ng		97
69) Pentachlorophenol	11.12	266	441756	77.274	ng		98
70) Phenanthrene	11.35	178	2730114	63.497	ng		98
71) Anthracene	11.40	178	2781793	63.648	ng		98
72) Carbazole	11.56	167	2623907	61.437	ng		99
73) Di-n-butylphthalate	11.89	149	2974622	57.017	ng		99
74) Fluoranthene	12.54	202	2979081	66.316	ng		97
76) Benzidine	12.67	184	1547794	80.887	ng	#	90
77) Pyrene	12.77	202	3036710	74.107	ng		99
79) Butylbenzylphthalate	13.43	149	1218896	63.138	ng	#	98
80) Benzo(a)anthracene	14.04	228	2426049	73.457	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	1000303	81.232	ng	#	96
82) Chrysene	14.09	228	2570450	75.772	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1371890	55.249	ng		97
84) Di-n-octyl phthalate	14.75	149	2761767	66.563	ng		96
85) Indeno(1,2,3-cd)pyrene	17.10	276	2278892	79.080	ng		94
87) Benzo(b)fluoranthene	15.21	252	2595275	76.977	ng		96
88) Benzo(k)fluoranthene	15.24	252	2251397	70.732	ng	#	97
89) Benzo(a)pyrene	15.57	252	2291090	75.948	ng		97
90) Dibenzo(a,h)anthracene	17.13	278	1853061	74.793	ng	#	96
91) Benzo(g,h,i)perylene	17.54	276	1905232	79.373	ng		93

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

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