Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097023.D
Acq On : 25 Jul 2017 12:31
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
7/26/2017 5:54:17 PM

Quant Time: Jul 25 14:03:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 13:17:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	133348	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	538776	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	241234	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	360476	20.00	ng		0.00
75) Chrysene-d12	13.63	240	184421	20.00	ng		0.00
86) Perylene-d12	14.97	264	215098	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	1248693	140.80	ng		0.00
7) Phenol-d6	6.18	99	1400457	131.59	ng		0.01
23) Nitrobenzene-d5	7.09	82	1381375	158.81	ng		0.01
41) 2,4,6-Tribromophenol	10.33	330	249666	121.25	ng		0.00
44) 2-Fluorobiphenyl	8.87	172	1820856	119.25	ng		0.00
78) Terphenyl-d14	12.60	244	1476268	138.83	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	308722	67.652	ng	#	75
3) Pyridine	2.67	79	949412	98.995	ng	#	66
4) n-Nitrosodimethylamine	2.65	42	508436	94.800	ng		83
6) Aniline	6.17	93	905895	69.103	ng	#	66
8) 2-Chlorophenol	6.30	128	661931	69.185	ng		90
10) Phenol	6.20	94	876448	72.849	ng		96
11) bis(2-Chloroethyl)ether	6.26	93	691124	76.390	ng		90
12) 1,3-Dichlorobenzene	6.45	146	739146	72.679	ng		98
13) 1,4-Dichlorobenzene	6.52	146	734400	71.306	ng		95
14) 1,2-Dichlorobenzene	6.68	146	543262	57.993	ng		98
15) Benzyl Alcohol	6.67	79	428843	61.547	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.80	45	1404481	75.221	ng		85
17) 2-Methylphenol	6.80	107	568545	76.417	ng	#	86
18) Hexachloroethane	7.02	117	278422	76.237	ng	#	82
19) n-Nitroso-di-n-propylamine	6.95	70	462448	72.125	ng	#	85
20) 3+4-Methylphenols	6.96	107	623086	69.015	ng	#	62
22) Acetophenone	6.93	105	951324	79.002	ng	#	97
24) Nitrobenzene	7.10	77	705191	78.389	ng		95
25) Isophorone	7.35	82	1379079	85.228	ng		97
26) 2-Nitrophenol	7.42	139	403121	80.590	ng	#	88
27) 2,4-Dimethylphenol	7.47	122	628466	76.370	ng		97
28) bis(2-Chloroethoxy)methane	7.56	93	866644	79.260	ng		98
29) 2,4-Dichlorophenol	7.67	162	510604	68.547	ng		98
30) 1,2,4-Trichlorobenzene	7.74	180	514130	72.592	ng		98
31) Naphthalene	7.82	128	1776837	69.617	ng		100
32) Benzoic acid	7.68	122	544846m	103.591	ng		
33) 4-Chloroaniline	7.87	127	779598	77.095	ng		99
34) Hexachlorobutadiene	7.93	225	266277	70.428	ng		97
35) Caprolactam	8.29	113	199121m	83.427	ng		
36) 4-Chloro-3-methylphenol	8.38	107	574480	71.725	ng		87
37) 2-Methylnaphthalene	8.50	142	1130349	69.467	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	420678	64.510	ng		99
40) Hexachlorocyclopentadiene	8.66	237	180376	83.226	ng		99
42) 2,4,6-Trichlorophenol	8.79	196	336749	70.007	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.84	196	324732	66.938	ng		98
45) 1,1'-Biphenyl	8.97	154	1325479	64.066	ng		98
46) 2-Chloronaphthalene	8.99	162	1016648	66.733	ng	#	92
47) 2-Nitroaniline	9.09	65	417342	79.696	ng		98
48) Acenaphthylene	9.40	152	1520867	62.655	ng		99
49) Dimethylphthalate	9.29	163	1340572	73.803	ng		99
50) 2,6-Dinitrotoluene	9.35	165	278999	70.914	ng	#	79
51) Acenaphthene	9.57	154	921411	64.257	ng		98
52) 3-Nitroaniline	9.51	138	360933	77.440	ng		96
53) 2,4-Dinitrophenol	9.62	184	159916	96.624	ng	#	74
54) Dibenzofuran	9.75	168	1168343	58.143	ng		98
55) 4-Nitrophenol	9.70	139	239595	70.364	ng	#	68
56) 2,4-Dinitrotoluene	9.75	165	309019	61.124	ng	#	78
57) Fluorene	10.09	166	860050	57.920	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	231198	68.718	ng		99
59) Diethylphthalate	9.98	149	1161665	65.695	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	347474	55.656	ng		96
61) 4-Nitroaniline	10.13	138	329102	75.193	ng		93
62) Azobenzene	10.24	77	1032927	66.215	ng		93
64) 4,6-Dinitro-2-methylphenol	10.16	198	200014	88.374	ng		86
65) n-Nitrosodiphenylamine	10.20	169	889731	69.048	ng		98
66) 4-Bromophenyl-phenylether	10.56	248	263371	71.562	ng		96
67) Hexachlorobenzene	10.63	284	285997	69.772	ng	#	91
68) Atrazine	10.74	200	250688	68.286	ng		93
69) Pentachlorophenol	10.83	266	146345	73.904	ng		97
70) Phenanthrene	11.03	178	1341890	68.463	ng		99
71) Anthracene	11.09	178	1329362	67.081	ng		100
72) Carbazole	11.25	167	1367928	71.280	ng		100
73) Di-n-butylphthalate	11.59	149	1705785	71.371	ng		100
74) Fluoranthene	12.22	202	1277781	68.109	ng		98
76) Benzidine	12.34	184	497508	82.346	ng		98
77) Pyrene	12.44	202	1349244	80.614	ng		99
79) Butylbenzylphthalate	13.07	149	722155	90.810	ng	#	75
80) Benzo(a)anthracene	13.62	228	1007137	87.647	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	367302	88.889	ng		98
82) Chrysene	13.66	228	1009332	89.225	ng		100
83) Bis(2-ethylhexyl)phthalate	13.64	149	850316	87.802	ng	#	99
84) Di-n-octyl phthalate	14.24	149	1630703	101.864	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.22	276	919324	89.543	ng		98
87) Benzo(b)fluoranthene	14.62	252	957417	73.802	ng		98
88) Benzo(k)fluoranthene	14.65	252	829108m	67.492	ng		
89) Benzo(a)pyrene	14.93	252	848986	71.353	ng		100
90) Dibenzo(a,h)anthracene	16.23	278	727326	66.432	ng		96
91) Benzo(g,h,i)perylene	16.59	276	792420	67.589	ng		99

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

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