Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101017.D
Acq On : 30 Nov 2017 14:37
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
12/1/2017 11:12:29 AM

Quant Time: Nov 30 15:50:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 14:21:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	50551	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	206977	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	101699	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	210513	20.00	ng		0.00
75) Chrysene-d12	14.03	240	180432	20.00	ng		0.00
86) Perylene-d12	15.50	264	153488	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	367022	116.38	ng		0.00
7) Phenol-d6	6.49	99	451605	116.13	ng		0.00
23) Nitrobenzene-d5	7.43	82	411540	131.46	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	145649	140.55	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	853832	127.84	ng		0.00
78) Terphenyl-d14	12.97	244	948988	120.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	77110	50.175	ng		99
3) Pyridine	3.38	79	213969	51.032	ng		95
4) n-Nitrosodimethylamine	3.35	42	106069	52.105	ng		93
6) Aniline	6.52	93	293481	53.420	ng		98
8) 2-Chlorophenol	6.65	128	196755	58.977	ng		94
9) Benzaldehyde	6.41	77	114379	41.186	ng		96
10) Phenol	6.50	94	247877	60.719	ng		89
11) bis(2-Chloroethyl)ether	6.60	93	187945	54.811	ng		99
12) 1,3-Dichlorobenzene	6.80	146	231246	60.121	ng		97
13) 1,4-Dichlorobenzene	6.87	146	237607	61.035	ng		97
14) 1,2-Dichlorobenzene	7.03	146	218430	60.686	ng		98
15) Benzyl Alcohol	7.00	79	174781	57.589	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	260911	47.574	ng		98
17) 2-Methylphenol	7.11	107	161728	56.728	ng		98
18) Hexachloroethane	7.36	117	78815	61.403	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	150113	55.662	ng		94
20) 3+4-Methylphenols	7.26	107	206781	57.317	ng	#	82
22) Acetophenone	7.27	105	289896	57.438	ng	#	98
24) Nitrobenzene	7.45	77	202543	62.858	ng		97
25) Isophorone	7.68	82	357510	54.343	ng		99
26) 2-Nitrophenol	7.76	139	113777	82.978	ng		93
27) 2,4-Dimethylphenol	7.79	122	160580	54.450	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	236372	54.928	ng		99
29) 2,4-Dichlorophenol	8.00	162	176882	62.827	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	192065	63.067	ng		96
31) Naphthalene	8.16	128	597197	59.905	ng		100
32) Benzoic acid	7.95	122	133395	69.316	ng		94
33) 4-Chloroaniline	8.21	127	238882	57.567	ng		99
34) Hexachlorobutadiene	8.27	225	116297	64.227	ng		98
35) Caprolactam	8.60	113	55602	57.548	ng		96
36) 4-Chloro-3-methylphenol	8.69	107	181539	60.038	ng		99
37) 2-Methylnaphthalene	8.85	142	401580	60.675	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	215433	63.873	ng	#	96
40) Hexachlorocyclopentadiene	9.00	237	78668	49.557	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	129583	60.619	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	142582	64.378	ng	#	91
45) 1,1'-Biphenyl	9.32	154	543476	61.787	ng		99
46) 2-Chloronaphthalene	9.35	162	393793	61.712	ng		95
47) 2-Nitroaniline	9.44	65	118524	66.598	ng		96
48) Acenaphthylene	9.76	152	632879	59.847	ng		99
49) Dimethylphthalate	9.62	163	483311	62.243	ng		100
50) 2,6-Dinitrotoluene	9.69	165	103378	67.259	ng		92
51) Acenaphthene	9.93	154	378182	58.802	ng		99
52) 3-Nitroaniline	9.86	138	114739	63.218	ng		96
53) 2,4-Dinitrophenol	9.96	184	51621	110.958	ng	#	16
54) Dibenzofuran	10.10	168	541385	60.059	ng		98
55) 4-Nitrophenol	10.02	139	81580	55.356	ng		95
56) 2,4-Dinitrotoluene	10.09	165	137141	70.728	ng	#	94
57) Fluorene	10.45	166	444259	67.276	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	110836	61.061	ng	#	87
59) Diethylphthalate	10.32	149	474919	61.119	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	216283	66.766	ng		94
61) 4-Nitroaniline	10.48	138	120282	69.891	ng		88
62) Azobenzene	10.60	77	400924	54.782	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	87748	95.566	ng		85
65) n-Nitrosodiphenylamine	10.56	169	431774	58.988	ng		95
66) 4-Bromophenyl-phenylether	10.93	248	137232	60.812	ng	#	84
67) Hexachlorobenzene	10.99	284	147654	62.560	ng	#	91
68) Atrazine	11.09	200	131612	59.399	ng		95
69) Pentachlorophenol	11.19	266	87993	51.993	ng		98
70) Phenanthrene	11.41	178	660984	59.635	ng		99
71) Anthracene	11.46	178	677500	60.248	ng		98
72) Carbazole	11.62	167	620654	59.817	ng		99
73) Di-n-butylphthalate	11.94	149	767644	63.221	ng		98
74) Fluoranthene	12.60	202	728243	61.995	ng		97
76) Benzidine	12.72	184	319277m	44.185	ng		
77) Pyrene	12.83	202	747244	58.098	ng		99
79) Butylbenzylphthalate	13.44	149	329094	62.741	ng		93
80) Benzo(a)anthracene	14.02	228	670740	61.731	ng		100
81) 3,3'-Dichlorobenzidine	13.98	252	213427	54.823	ng	#	96
82) Chrysene	14.06	228	614659	58.418	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	456021	66.102	ng		99
84) Di-n-octyl phthalate	14.60	149	767544	64.763	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	487359	57.265	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	581000	63.893	ng		98
88) Benzo(k)fluoranthene	15.10	252	523812	60.966	ng	#	97
89) Benzo(a)pyrene	15.44	252	497133	61.667	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	411849	62.469	ng	#	95
91) Benzo(g,h,i)perylene	17.44	276	393437	60.963	ng	#	91

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

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