Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097591.D
Acq On : 11 Aug 2017 12:30
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
8/14/2017 6:38:10 PM

Quant Time: Aug 11 15:20:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 14:33:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	115871	20.00	ng		0.00
21) Naphthalene-d8	9.53	136	487890	20.00	ng		0.00
38) Acenaphthene-d10	12.36	164	197513	20.00	ng		0.00
63) Phenanthrene-d10	14.76	188	333707	20.00	ng		0.00
75) Chrysene-d12	18.46	240	291337	20.00	ng		0.00
86) Perylene-d12	20.12	264	242796	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	153209	21.07	ng		0.02
7) Phenol-d6	7.05	99	210273	24.15	ng		0.00
23) Nitrobenzene-d5	8.42	82	174853	22.26	ng		0.00
41) 2,4,6-Tribromophenol	13.66	330	33281	19.04	ng		0.00
44) 2-Fluorobiphenyl	11.31	172	298554	21.03	ng		-0.01
78) Terphenyl-d14	17.11	244	271952	23.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.84	88	30726	8.882	ng	#	66
3) Pyridine	2.44	79	93945	11.555	ng	#	60
4) n-Nitrosodimethylamine	2.39	42	46559	15.063	ng	#	71
6) Aniline	7.00	93	148312	13.022	ng		98
8) 2-Chlorophenol	7.19	128	89347	11.556	ng		94
9) Benzaldehyde	6.82	77	70339	11.978	ng		96
10) Phenol	7.07	94	118534	13.126	ng		98
11) bis(2-Chloroethyl)ether	7.14	93	98615	13.785	ng		89
12) 1,3-Dichlorobenzene	7.41	146	100110	11.439	ng		97
13) 1,4-Dichlorobenzene	7.53	146	101667	11.456	ng		93
14) 1,2-Dichlorobenzene	7.77	146	94211	11.515	ng		96
15) Benzyl Alcohol	7.80	79	66899	11.196	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.00	45	189664	18.870	ng		91
17) 2-Methylphenol	8.02	107	68724	10.592	ng		96
18) Hexachloroethane	8.29	117	35276	12.035	ng	#	83
19) n-Nitroso-di-n-propylamine	8.22	70	66539	12.061	ng	#	85
20) 3+4-Methylphenols	8.30	107	87274	10.596	ng	#	62
22) Acetophenone	8.19	105	121924	10.677	ng	#	95
24) Nitrobenzene	8.45	77	89130	10.621	ng	#	92
25) Isophorone	8.84	82	153148	10.441	ng		99
26) 2-Nitrophenol	8.96	139	45541	10.364	ng	#	79
27) 2,4-Dimethylphenol	9.10	122	79680	11.684	ng		91
28) bis(2-Chloroethoxy)methane	9.23	93	111294	11.510	ng		98
29) 2,4-Dichlorophenol	9.40	162	62992	9.591	ng		94
30) 1,2,4-Trichlorobenzene	9.47	180	68696	10.052	ng		98
31) Naphthalene	9.57	128	270589	11.051	ng		97
32) Benzoic acid	9.36	122	26007	6.609	ng		89
33) 4-Chloroaniline	9.72	127	109986	11.492	ng		97
34) Hexachlorobutadiene	9.79	225	37949	10.747	ng		96
35) Caprolactam	10.28	113	20387	10.432	ng	#	55
36) 4-Chloro-3-methylphenol	10.58	107	68650	9.985	ng		92
37) 2-Methylnaphthalene	10.70	142	161096	9.738	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	58953	9.973	ng		99
42) 2,4,6-Trichlorophenol	11.20	196	38763	10.199	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.30	196	37882	9.371	ng		94
45) 1,1'-Biphenyl	11.46	154	194158	11.927	ng		96
46) 2-Chloronaphthalene	11.48	162	145519	11.441	ng		93
47) 2-Nitroaniline	11.69	65	51590	13.861	ng		98
48) Acenaphthylene	12.13	152	224610	10.327	ng		98
49) Dimethylphthalate	12.00	163	157272	10.487	ng		99
50) 2,6-Dinitrotoluene	12.10	165	33155	10.136	ng	#	70
51) Acenaphthene	12.42	154	134302	10.692	ng		98
52) 3-Nitroaniline	12.37	138	43140	11.320	ng	#	95
53) 2,4-Dinitrophenol	12.65	184	8659m	5.481	ng		
54) Dibenzofuran	12.70	168	191774	10.847	ng		99
55) 4-Nitrophenol	12.82	139	10479	5.285	ng	#	59
56) 2,4-Dinitrotoluene	12.78	165	44885	10.159	ng	#	82
57) Fluorene	13.25	166	158400	10.296	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.96	232	21681	7.838	ng	#	95
59) Diethylphthalate	13.16	149	153908	10.664	ng		98
60) 4-Chlorophenyl-phenylether	13.29	204	67216	10.046	ng		97
61) 4-Nitroaniline	13.36	138	40969	11.514	ng		90
62) Azobenzene	13.54	77	149825	11.455	ng		93
64) 4,6-Dinitro-2-methylphenol	13.46	198	15944	7.269	ng		89
65) n-Nitrosodiphenylamine	13.49	169	134639	11.228	ng		98
66) 4-Bromophenyl-phenylether	14.07	248	38373	11.064	ng		99
67) Hexachlorobenzene	14.14	284	40992	11.995	ng	#	86
68) Atrazine	14.40	200	33507	10.040	ng		95
70) Phenanthrene	14.80	178	213908	11.109	ng		97
71) Anthracene	14.88	178	220008	10.945	ng		96
72) Carbazole	15.17	167	208766	10.657	ng		96
73) Di-n-butylphthalate	15.76	149	241415	11.584	ng	#	97
74) Fluoranthene	16.56	202	208929	10.963	ng		99
76) Benzidine	16.79	184	101524	9.074	ng	#	93
77) Pyrene	16.86	202	220721	10.154	ng		99
79) Butylbenzylphthalate	17.78	149	93991	9.900	ng	#	83
80) Benzo(a)anthracene	18.44	228	181024	10.687	ng		97
81) 3,3'-Dichlorobenzidine	18.43	252	65664	10.904	ng		98
82) Chrysene	18.49	228	183073	10.815	ng		100
83) Bis(2-ethylhexyl)phthalate	18.53	149	147394	11.006	ng		99
84) Di-n-octyl phthalate	19.30	149	251617	11.402	ng	#	91
85) Indeno(1,2,3-cd)pyrene	21.34	276	130482	9.009	ng		96
87) Benzo(b)fluoranthene	19.72	252	159643	10.501	ng		97
88) Benzo(k)fluoranthene	19.74	252	157950	10.869	ng		95
89) Benzo(a)pyrene	20.07	252	146486	10.483	ng		97
90) Dibenzo(a,h)anthracene	21.34	278	110118	9.290	ng		96
91) Benzo(g,h,i)perylene	21.69	276	101941	8.436	ng		96

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

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