Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090874.D
Acq On : 27 Oct 2016 16:41
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
10/28/2016 5:22:18 PM

Quant Time: Oct 28 12:39:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 18:46:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	186858	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	783284	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	399146	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	672446	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	601637	20.00	ng		-0.01
86) Perylene-d12	15.35	264	430975	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	873060	81.69	ng		0.00
7) Phenol-d6	6.42	99	1180843	81.90	ng		0.00
23) Nitrobenzene-d5	7.34	82	1057043	88.34	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	337011	82.16	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1943515	85.50	ng		0.00
78) Terphenyl-d14	12.89	244	1921351	80.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	202928	37.14	ng	#	73
3) Pyridine	3.00	79	597596	40.32	ng	#	69
4) n-Nitrosodimethylamine	2.96	42	165268	39.61	ng	#	58
6) Aniline	6.44	93	739379	44.89	ng	#	83
8) 2-Chlorophenol	6.56	128	523351	39.70	ng		86
9) Benzaldehyde	6.32	77	298369	40.07	ng	#	73
10) Phenol	6.43	94	667722	42.02	ng	#	43
11) bis(2-Chloroethyl)ether	6.51	93	550695	41.89	ng		99
12) 1,3-Dichlorobenzene	6.72	146	574986	42.64	ng	#	93
13) 1,4-Dichlorobenzene	6.80	146	586433	41.35	ng	#	94
14) 1,2-Dichlorobenzene	6.94	146	533932m	39.28	ng		
15) Benzyl Alcohol	6.92	79	407657	43.05	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.06	45	706031	53.97	ng		73
17) 2-Methylphenol	7.05	107	438255	43.70	ng	#	82
18) Hexachloroethane	7.29	117	220120	42.65	ng	#	88
19) n-Nitroso-di-n-propylamine	7.20	70	361148	43.32	ng	#	71
20) 3+4-Methylphenols	7.20	107	481469	41.47	ng	#	58
22) Acetophenone	7.20	105	697370	43.27	ng	#	84
24) Nitrobenzene	7.37	77	647928	51.20	ng	#	74
25) Isophorone	7.61	82	1050233	43.25	ng	#	89
26) 2-Nitrophenol	7.69	139	272730	40.23	ng	#	88
27) 2,4-Dimethylphenol	7.73	122	442661	40.33	ng		89
28) bis(2-Chloroethoxy)methane	7.82	93	641913	46.48	ng	#	95
29) 2,4-Dichlorophenol	7.93	162	425479	41.86	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	468840	39.92	ng		97
31) Naphthalene	8.09	128	1530095	41.79	ng		96
32) Benzoic acid	7.87	122	314046	39.41	ng	#	63
33) 4-Chloroaniline	8.14	127	640083	43.27	ng	#	95
34) Hexachlorobutadiene	8.21	225	249878	36.18	ng		99
35) Caprolactam	8.52	113	134246	42.55	ng		99
36) 4-Chloro-3-methylphenol	8.62	107	436132	39.46	ng	#	78
37) 2-Methylnaphthalene	8.77	142	918817	38.85	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	455291	41.58	ng		98
40) Hexachlorocyclopentadiene	8.93	237	204961	40.69	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	295141	41.75	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	298372	40.98	ng	#	95
45) 1,1'-Biphenyl	9.24	154	1171535	40.75	ng		91
46) 2-Chloronaphthalene	9.26	162	893071	40.84	ng	#	90
47) 2-Nitroaniline	9.37	65	334753	54.25	ng	#	82
48) Acenaphthylene	9.68	152	1361105	41.10	ng		95
49) Dimethylphthalate	9.55	163	1073105	40.24	ng	#	97
50) 2,6-Dinitrotoluene	9.61	165	228361	38.77	ng	#	58
51) Acenaphthene	9.85	154	950305	41.67	ng		89
52) 3-Nitroaniline	9.78	138	272614	43.48	ng	#	66
53) 2,4-Dinitrophenol	9.88	184	123852	39.95	ng	#	49
54) Dibenzofuran	10.02	168	1200578	40.79	ng	#	82
55) 4-Nitrophenol	9.95	139	164769	43.09	ng	#	73
56) 2,4-Dinitrotoluene	10.01	165	297132	40.61	ng	#	60
57) Fluorene	10.36	166	913570	37.90	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.14	232	268538	41.30	ng		98
59) Diethylphthalate	10.25	149	1120570	42.31	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	506576	43.05	ng		96
61) 4-Nitroaniline	10.40	138	286630	46.16	ng	#	57
62) Azobenzene	10.52	77	1197039	45.96	ng		88
64) 4,6-Dinitro-2-methylphenol	10.42	198	170448	38.23	ng		92
65) n-Nitrosodiphenylamine	10.49	169	853598	41.44	ng		91
66) 4-Bromophenyl-phenylether	10.85	248	290261	39.42	ng	#	86
67) Hexachlorobenzene	10.91	284	307369	35.27	ng	#	84
68) Atrazine	11.01	200	260745	40.92	ng		84
69) Pentachlorophenol	11.10	266	172354	36.86	ng		100
70) Phenanthrene	11.32	178	1311755	38.31	ng		95
71) Anthracene	11.38	178	1559315	43.24	ng		97
72) Carbazole	11.54	167	1327092	41.68	ng		96
73) Di-n-butylphthalate	11.87	149	1636626	39.87	ng	#	98
74) Fluoranthene	12.51	202	1511916	40.32	ng		91
76) Benzidine	12.64	184	503580	38.33	ng		96
77) Pyrene	12.74	202	1609653m	42.28	ng		
79) Butylbenzylphthalate	13.37	149	727610	42.12	ng	#	91
80) Benzo(a)anthracene	13.93	228	1354434m	42.42	ng		
81) 3,3'-Dichlorobenzidine	13.89	252	498572	40.22	ng	#	94
82) Chrysene	13.96	228	1119285m	34.66	ng		
83) Bis(2-ethylhexyl)phthalate	13.93	149	883909	39.29	ng		97
84) Di-n-octyl phthalate	14.53	149	1414149	37.44	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.71	276	907495	31.71	ng	#	91
87) Benzo(b)fluoranthene	14.95	252	1103121m	38.07	ng		
88) Benzo(k)fluoranthene	14.98	252	1110272m	48.48	ng		
89) Benzo(a)pyrene	15.29	252	1006560	40.42	ng	#	87
90) Dibenzo(a,h)anthracene	16.72	278	788720	37.41	ng	#	81
91) Benzo(g,h,i)perylene	17.11	276	730295	36.78	ng	#	80

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

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