Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089006.D
Acq On : 15 Jul 2016 1:21
Operator : UM/SJ
Sample : H3972-17MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)MSD

Manual Integrations
APPROVED
Sohil
7/15/2016 9:16:43 AM

Quant Time: Jul 15 15:09:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	48854	20.00	ng		-0.02
21) Naphthalene-d8	7.98	136	189606	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	75486	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	136095	20.00	ng		-0.02
75) Chrysene-d12	13.83	240	94452	20.00	ng		-0.02
86) Perylene-d12	15.20	264	68276	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	391750	120.18	ng		0.00
7) Phenol-d6	6.35	99	524771	124.59	ng		0.00
23) Nitrobenzene-d5	7.26	82	300081	82.94	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	84392	120.39	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	428671	89.70	ng		-0.02
78) Terphenyl-d14	12.78	244	333641	78.68	ng		-0.02
Target Compounds							Qvalue
3) Pyridine	2.84	79	135763	28.95	ng		93
4) n-Nitrosodimethylamine	2.80	42	72321	40.37	ng		95
6) Aniline	6.43	93	250507	40.81	ng	#	57
8) 2-Chlorophenol	6.48	128	154804	44.19	ng		96
9) Benzaldehyde	6.23	77	73524	25.77	ng		86
10) Phenol	6.36	94	219839	45.73	ng		88
11) bis(2-Chloroethyl)ether	6.43	93	250507	69.88	ng		86
12) 1,3-Dichlorobenzene	6.63	146	149964	38.90	ng		96
13) 1,4-Dichlorobenzene	6.71	146	164336	42.95	ng		96
14) 1,2-Dichlorobenzene	6.86	146	137069	38.27	ng	#	85
15) Benzyl Alcohol	6.84	79	144579	46.64	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.98	45	175149	33.74	ng		82
17) 2-Methylphenol	6.97	107	123583	43.24	ng	#	93
18) Hexachloroethane	7.20	117	32461	21.93	ng	#	82
19) n-Nitroso-di-n-propylamine	7.12	70	116560	41.20	ng		90
20) 3+4-Methylphenols	7.12	107	153973	44.89	ng	#	79
22) Acetophenone	7.11	105	221407	48.11	ng	#	94
24) Nitrobenzene	7.28	77	177721	48.72	ng	#	84
25) Isophorone	7.52	82	276801	41.30	ng		95
26) 2-Nitrophenol	7.60	139	53818	35.98	ng	#	81
27) 2,4-Dimethylphenol	7.64	122	111741	35.86	ng		87
28) bis(2-Chloroethoxy)methane	7.74	93	188475	43.21	ng	#	95
29) 2,4-Dichlorophenol	7.84	162	99498	39.51	ng		92
30) 1,2,4-Trichlorobenzene	7.92	180	116169	42.04	ng		98
31) Naphthalene	8.00	128	433103	46.33	ng		99
33) 4-Chloroaniline	8.07	127	80640	19.39	ng		97
34) Hexachlorobutadiene	8.12	225	62755	42.41	ng		99
35) Caprolactam	8.42	113	33405	39.06	ng	#	69
36) 4-Chloro-3-methylphenol	8.55	107	121586	40.83	ng		97
37) 2-Methylnaphthalene	8.68	142	226591	37.65	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	109378	43.56	ng	#	1
42) 2,4,6-Trichlorophenol	8.97	196	70022	42.30	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	71721	50.36	ng	#	94
45) 1,1'-Biphenyl	9.15	154	311894	49.90	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.18	162	232951	47.47	ng		97
47) 2-Nitroaniline	9.27	65	68688	39.44	ng		94
48) Acenaphthylene	9.59	152	366388	46.93	ng		99
49) Dimethylphthalate	9.46	163	351176	65.30	ng		98
50) 2,6-Dinitrotoluene	9.52	165	49778	41.76	ng		91
51) Acenaphthene	9.76	154	216920	45.32	ng		98
52) 3-Nitroaniline	9.68	138	50747	33.49	ng		90
54) Dibenzofuran	9.93	168	304930	48.68	ng		94
55) 4-Nitrophenol	9.86	139	82542	71.69	ng		93
56) 2,4-Dinitrotoluene	9.92	165	58629	37.62	ng	#	65
57) Fluorene	10.27	166	227636	47.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	48427	43.95	ng	#	50
59) Diethylphthalate	10.16	149	251929	46.68	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	93875	41.85	ng	#	87
61) 4-Nitroaniline	10.28	138	56383	38.67	ng	#	76
62) Azobenzene	10.42	77	269465	43.77	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	1715	2.36	ng	#	44
65) n-Nitrosodiphenylamine	10.39	169	205192	44.55	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	58100	42.36	ng		95
67) Hexachlorobenzene	10.82	284	53267	35.09	ng	#	73
68) Atrazine	10.91	200	50214	34.99	ng		90
69) Pentachlorophenol	11.02	266	60691	67.55	ng		98
70) Phenanthrene	11.22	178	436466	58.67	ng		99
71) Anthracene	11.28	178	412605	55.78	ng		98
72) Carbazole	11.43	167	295941	42.51	ng		99
73) Di-n-butylphthalate	11.77	149	383193	47.32	ng		99
74) Fluoranthene	12.41	202	761894	101.02	ng		97
77) Pyrene	12.64	202	736929	92.02	ng		99
79) Butylbenzylphthalate	13.26	149	162723	45.55	ng	#	74
80) Benzo(a)anthracene	13.82	228	429101	70.55	ng		98
81) 3,3'-Dichlorobenzidine	13.78	252	41490	18.14	ng	#	96
82) Chrysene	13.85	228	306509	50.94	ng		97
83) Bis(2-ethylhexyl)phthalate	13.83	149	261963	64.23	ng	#	98
84) Di-n-octyl phthalate	14.43	149	358721	51.77	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.49	276	234621	50.68	ng	#	100
87) Benzo(b)fluoranthene	14.82	252	351367m	82.04	ng		
88) Benzo(k)fluoranthene	14.85	252	226950m	60.87	ng		
89) Benzo(a)pyrene	15.14	252	287437	79.26	ng		99
90) Dibenzo(a,h)anthracene	16.50	278	161298	53.27	ng		98
91) Benzo(g,h,i)perylene	16.88	276	201297	64.24	ng		97

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

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