Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088150.D
Acq On : 18 Jun 2016 23:26
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/20/2016 6:56:58 PM

Quant Time: Jun 20 05:58:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	91406	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	350047	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	142887	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	223414	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	153958	20.00	ng		-0.01
86) Perylene-d12	15.21	264	136840	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	437863	81.89	ng		0.00
7) Phenol-d6	6.34	99	457376	70.58	ng		-0.01
23) Nitrobenzene-d5	7.26	82	416828	69.53	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	79784	52.88	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	750213	82.30	ng		-0.02
78) Terphenyl-d14	12.79	244	597755	88.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	113737	43.78	ng	#	41
3) Pyridine	2.83	79	270519	44.10	ng		93
4) n-Nitrosodimethylamine	2.79	42	102425	39.43	ng		81
6) Aniline	6.35	93	329002	35.67	ng	#	66
8) 2-Chlorophenol	6.48	128	247016	39.03	ng		84
9) Benzaldehyde	6.23	77	140322	31.91	ng		90
10) Phenol	6.35	94	247678	36.55	ng	#	5
11) bis(2-Chloroethyl)ether	6.43	93	238632	42.00	ng		86
12) 1,3-Dichlorobenzene	6.63	146	274147m	40.37	ng		
13) 1,4-Dichlorobenzene	6.71	146	280668	41.03	ng		98
14) 1,2-Dichlorobenzene	6.86	146	234481m	37.69	ng		
15) Benzyl Alcohol	6.84	79	169926	33.52	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	276098	35.97	ng		79
17) 2-Methylphenol	6.97	107	189424	36.91	ng		96
18) Hexachloroethane	7.20	117	79604	32.80	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	159648	38.51	ng	#	79
20) 3+4-Methylphenols	7.12	107	235488	39.32	ng	#	80
22) Acetophenone	7.11	105	330496	42.25	ng	#	98
24) Nitrobenzene	7.28	77	227806	39.23	ng		94
25) Isophorone	7.52	82	424944	38.27	ng		98
26) 2-Nitrophenol	7.60	139	75712	24.34	ng	#	73
27) 2,4-Dimethylphenol	7.64	122	184659	32.24	ng		94
28) bis(2-Chloroethoxy)methane	7.74	93	290800	42.23	ng	#	97
29) 2,4-Dichlorophenol	7.85	162	170105	35.57	ng		89
30) 1,2,4-Trichlorobenzene	7.92	180	198232	38.07	ng		100
31) Naphthalene	8.00	128	686846	39.65	ng		99
32) Benzoic acid	7.75	122	44411m	14.08	ng		
33) 4-Chloroaniline	8.06	127	292731	37.84	ng	#	94
34) Hexachlorobutadiene	8.11	225	102993	37.51	ng		98
35) Caprolactam	8.42	113	53936	34.05	ng		89
36) 4-Chloro-3-methylphenol	8.55	107	163327	31.94	ng		99
37) 2-Methylnaphthalene	8.68	142	388003m	33.98	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	183282	52.03	ng	#	1
40) Hexachlorocyclopentadiene	8.84	237	5315	2.31	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	97241	34.03	ng		97
43) 2,4,5-Trichlorophenol	9.02	196	99437	33.45	ng	#	85
45) 1,1'-Biphenyl	9.15	154	495812	46.43	ng		98
46) 2-Chloronaphthalene	9.18	162	372829	40.32	ng		97
47) 2-Nitroaniline	9.28	65	100318	36.78	ng	#	78
48) Acenaphthylene	9.59	152	565685	38.46	ng		99
49) Dimethylphthalate	9.46	163	455258	43.98	ng		99
50) 2,6-Dinitrotoluene	9.52	165	77336	32.63	ng	#	79
51) Acenaphthene	9.76	154	325362	35.46	ng		98
52) 3-Nitroaniline	9.69	138	109317	39.97	ng		86
53) 2,4-Dinitrophenol	9.82	184	1389	4.41	ng	#	87
54) Dibenzofuran	9.93	168	478966	37.91	ng		94
55) 4-Nitrophenol	9.87	139	57902	27.27	ng	#	77
56) 2,4-Dinitrotoluene	9.92	165	76661	25.17	ng	#	58
57) Fluorene	10.27	166	366698	42.70	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	72644	31.09	ng	#	59
59) Diethylphthalate	10.16	149	415861	39.69	ng		96
60) 4-Chlorophenyl-phenylether	10.26	204	151777	36.12	ng		92
61) 4-Nitroaniline	10.30	138	88645	34.17	ng		95
62) Azobenzene	10.42	77	352190	33.99	ng		95
64) 4,6-Dinitro-2-methylphenol	10.33	198	4034	4.92	ng		93
65) n-Nitrosodiphenylamine	10.39	169	331285	44.69	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	99689	41.59	ng		93
67) Hexachlorobenzene	10.82	284	98141	39.41	ng	#	71
68) Atrazine	10.91	200	44363	19.76	ng		94
69) Pentachlorophenol	11.02	266	41814	31.85	ng		97
70) Phenanthrene	11.22	178	459855	39.23	ng		99
71) Anthracene	11.28	178	492436	41.64	ng		99
72) Carbazole	11.44	167	448880	40.56	ng		99
73) Di-n-butylphthalate	11.77	149	550468	39.29	ng		99
74) Fluoranthene	12.41	202	481101	38.89	ng		98
76) Benzidine	12.54	184	206632	48.47	ng		98
77) Pyrene	12.64	202	494419	43.28	ng		99
79) Butylbenzylphthalate	13.26	149	225478	44.64	ng	#	80
80) Benzo(a)anthracene	13.83	228	374187	42.65	ng		98
81) 3,3'-Dichlorobenzidine	13.79	252	123364	52.29	ng		97
82) Chrysene	13.86	228	392729	47.58	ng		97
83) Bis(2-ethylhexyl)phthalate	13.83	149	309897	50.40	ng	#	96
84) Di-n-octyl phthalate	14.43	149	564027	56.45	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.51	276	308851	40.27	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	363731m	38.14	ng		
88) Benzo(k)fluoranthene	14.86	252	300737m	41.80	ng		
89) Benzo(a)pyrene	15.15	252	312952	40.56	ng		99
90) Dibenzo(a,h)anthracene	16.53	278	261779	36.53	ng		98
91) Benzo(g,h,i)perylene	16.90	276	256549	34.80	ng		99

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

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