Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091495.D
Acq On : 8 Dec 2016 4:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/8/2016 2:06:15 PM

Quant Time: Dec 08 06:33:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	135519	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	479079	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	282878	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	412458	20.00	ng		0.00
75) Chrysene-d12	13.98	240	285043	20.00	ng		0.00
86) Perylene-d12	15.40	264	293502	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	617137	74.39	ng		0.00
7) Phenol-d6	6.47	99	727554	71.25	ng		0.00
23) Nitrobenzene-d5	7.40	82	694122	81.20	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	196925	73.53	ng		0.01
44) 2-Fluorobiphenyl	9.20	172	1413258	90.46	ng		0.00
78) Terphenyl-d14	12.94	244	1030188	78.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	128370	34.21	ng	#	84
3) Pyridine	3.10	79	324271	30.53	ng	#	79
4) n-Nitrosodimethylamine	3.05	42	192340	34.52	ng		96
6) Aniline	6.49	93	454656	33.52	ng	#	76
8) 2-Chlorophenol	6.62	128	341490	37.55	ng		89
9) Benzaldehyde	6.38	77	210279	32.02	ng		86
10) Phenol	6.48	94	398438	33.16	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	319950	37.27	ng		99
12) 1,3-Dichlorobenzene	6.78	146	382860	37.84	ng		95
13) 1,4-Dichlorobenzene	6.85	146	351905	34.97	ng		95
14) 1,2-Dichlorobenzene	7.01	146	370123	39.48	ng		97
15) Benzyl Alcohol	6.97	79	299752	36.68	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	703630	38.11	ng		72
17) 2-Methylphenol	7.10	107	267099	37.15	ng	#	76
18) Hexachloroethane	7.35	117	130360	36.48	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	260660	40.52	ng	#	88
20) 3+4-Methylphenols	7.25	107	303275	34.55	ng	#	56
22) Acetophenone	7.25	105	447458	39.41	ng	#	81
24) Nitrobenzene	7.42	77	337789	38.59	ng		93
25) Isophorone	7.66	82	597057	39.42	ng		98
26) 2-Nitrophenol	7.74	139	178426	44.73	ng	#	81
27) 2,4-Dimethylphenol	7.77	122	269974	36.18	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	400441	43.93	ng		99
29) 2,4-Dichlorophenol	7.98	162	271557	41.37	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	305691	41.54	ng		98
31) Naphthalene	8.14	128	887322	38.97	ng		100
32) Benzoic acid	7.90	122	208569	37.92	ng		98
33) 4-Chloroaniline	8.20	127	402168	41.32	ng		94
34) Hexachlorobutadiene	8.26	225	203917	45.06	ng		97
35) Caprolactam	8.56	113	74456	39.47	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	303839	42.88	ng	#	87
37) 2-Methylnaphthalene	8.84	142	684081	44.22	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	296961	37.24	ng		97
40) Hexachlorocyclopentadiene	8.98	237	67420	18.24	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	210350	40.59	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	189212	36.43	ng	#	86
45) 1,1'-Biphenyl	9.29	154	733977	36.08	ng		98
46) 2-Chloronaphthalene	9.32	162	556206	36.72	ng		98
47) 2-Nitroaniline	9.42	65	216675	39.82	ng		95
48) Acenaphthylene	9.74	152	896392	37.59	ng		99
49) Dimethylphthalate	9.60	163	723487	42.24	ng		99
50) 2,6-Dinitrotoluene	9.66	165	162167	42.36	ng		84
51) Acenaphthene	9.91	154	633895	39.41	ng		96
52) 3-Nitroaniline	9.83	138	161979	36.55	ng	#	77
53) 2,4-Dinitrophenol	9.92	184	32301	19.29	ng	#	59
54) Dibenzofuran	10.08	168	806700	37.46	ng	#	88
55) 4-Nitrophenol	9.98	139	93216	29.13	ng		91
56) 2,4-Dinitrotoluene	10.06	165	206001	41.48	ng	#	86
57) Fluorene	10.41	166	603537	36.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	169248	38.16	ng		95
59) Diethylphthalate	10.30	149	706607	41.79	ng	#	94
60) 4-Chlorophenyl-phenylether	10.41	204	313937	37.86	ng	#	91
61) 4-Nitroaniline	10.44	138	159478	38.33	ng		92
62) Azobenzene	10.57	77	685026	39.71	ng		96
64) 4,6-Dinitro-2-methylphenol	10.46	198	54552	24.01	ng		90
65) n-Nitrosodiphenylamine	10.53	169	488242	39.04	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	198983	44.88	ng	#	77
67) Hexachlorobenzene	10.96	284	187586	39.16	ng	#	80
68) Atrazine	11.05	200	144215	35.61	ng		99
69) Pentachlorophenol	11.16	266	107005	37.94	ng		93
70) Phenanthrene	11.37	178	775940	36.20	ng		99
71) Anthracene	11.43	178	861424	40.50	ng		98
72) Carbazole	11.58	167	666581	34.54	ng		98
73) Di-n-butylphthalate	11.92	149	980818	44.84	ng		99
74) Fluoranthene	12.56	202	783379	38.59	ng		96
76) Benzidine	12.68	184	227800	27.22	ng		99
77) Pyrene	12.79	202	766779	35.45	ng		98
79) Butylbenzylphthalate	13.41	149	306071	37.79	ng		90
80) Benzo(a)anthracene	13.97	228	653427	39.20	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	231479	39.42	ng	#	98
82) Chrysene	14.01	228	671152	40.69	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	435004	42.37	ng	#	90
84) Di-n-octyl phthalate	14.59	149	743842	47.88	ng		96
85) Indeno(1,2,3-cd)pyrene	16.78	276	632020	41.84	ng	#	93
87) Benzo(b)fluoranthene	15.00	252	670977m	36.78	ng		
88) Benzo(k)fluoranthene	15.03	252	647374m	42.20	ng		
89) Benzo(a)pyrene	15.34	252	628332	38.35	ng	#	96
90) Dibenzo(a,h)anthracene	16.80	278	550824	36.35	ng	#	93
91) Benzo(g,h,i)perylene	17.20	276	488283	31.25	ng	#	93

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

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