Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088990.D
Acq On : 14 Jul 2016 17:16
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
Sohil
7/15/2016 9:16:23 AM

Quant Time: Jul 14 19:20:06 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	56548	20.00	ng		-0.02
21) Naphthalene-d8	7.98	136	234552	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	105406	20.00	ng		-0.02
63) Phenanthrene-d10	11.19	188	196120	20.00	ng		-0.03
75) Chrysene-d12	13.82	240	143376	20.00	ng		-0.03
86) Perylene-d12	15.18	264	113344	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	295790	78.39	ng		-0.01
7) Phenol-d6	6.34	99	387510	79.48	ng		-0.01
23) Nitrobenzene-d5	7.26	82	324786	72.56	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	69252	70.75	ng		-0.03
44) 2-Fluorobiphenyl	9.05	172	581294	87.11	ng		-0.02
78) Terphenyl-d14	12.78	244	490486	76.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	66649	35.63	ng	#	33
3) Pyridine	2.83	79	191329	35.25	ng		92
4) n-Nitrosodimethylamine	2.79	42	76587	36.93	ng		96
6) Aniline	6.34	93	256418	36.09	ng	#	46
8) 2-Chlorophenol	6.47	128	152779	37.67	ng		95
9) Benzaldehyde	6.23	77	107450	32.54	ng		87
10) Phenol	6.35	94	222201	39.93	ng	#	60
11) bis(2-Chloroethyl)ether	6.43	93	165374	39.86	ng	#	83
12) 1,3-Dichlorobenzene	6.63	146	185895	41.66	ng		99
13) 1,4-Dichlorobenzene	6.71	146	188085	42.46	ng		98
14) 1,2-Dichlorobenzene	6.86	146	161748m	39.01	ng		
15) Benzyl Alcohol	6.83	79	132820	37.02	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.97	45	193573	32.21	ng		80
17) 2-Methylphenol	6.96	107	123868	37.44	ng		94
18) Hexachloroethane	7.20	117	69712	40.69	ng	#	87
19) n-Nitroso-di-n-propylamine	7.12	70	127491	38.93	ng	#	85
20) 3+4-Methylphenols	7.12	107	174936	44.06	ng	#	75
22) Acetophenone	7.11	105	250925	44.08	ng	#	92
24) Nitrobenzene	7.28	77	196794	43.61	ng		92
25) Isophorone	7.52	82	304795	36.76	ng		96
26) 2-Nitrophenol	7.59	139	75875	41.00	ng	#	90
27) 2,4-Dimethylphenol	7.64	122	154099	39.98	ng		92
28) bis(2-Chloroethoxy)methane	7.74	93	213105	39.50	ng	#	96
29) 2,4-Dichlorophenol	7.84	162	135711	43.57	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	148230	43.36	ng		99
31) Naphthalene	8.00	128	509648	44.07	ng		99
32) Benzoic acid	7.78	122	103872	37.12	ng		88
33) 4-Chloroaniline	8.04	127	193298	37.57	ng		94
34) Hexachlorobutadiene	8.11	225	73373	40.09	ng		98
35) Caprolactam	8.42	113	38383	36.28	ng		93
36) 4-Chloro-3-methylphenol	8.54	107	142862	38.78	ng		87
37) 2-Methylnaphthalene	8.68	142	304417	40.89	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	170588	48.66	ng	#	1
40) Hexachlorocyclopentadiene	8.84	237	58157	33.80	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	92690	40.10	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	88657	44.58	ng	#	84
45) 1,1'-Biphenyl	9.15	154	403951	46.28	ng		96
46) 2-Chloronaphthalene	9.18	162	289797	42.29	ng		93
47) 2-Nitroaniline	9.27	65	95387	39.23	ng		98
48) Acenaphthylene	9.59	152	475613	43.62	ng		98
49) Dimethylphthalate	9.46	163	314855	41.93	ng		98
50) 2,6-Dinitrotoluene	9.52	165	71336	42.86	ng		95
51) Acenaphthene	9.76	154	300291	44.93	ng		97
52) 3-Nitroaniline	9.68	138	80043	37.83	ng		93
53) 2,4-Dinitrophenol	9.78	184	30213	41.11	ng	#	73
54) Dibenzofuran	9.93	168	364828	41.71	ng		97
55) 4-Nitrophenol	9.85	139	57551	35.79	ng		88
56) 2,4-Dinitrotoluene	9.92	165	98901	45.45	ng	#	79
57) Fluorene	10.26	166	275124	40.81	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	62904	40.88	ng	#	44
59) Diethylphthalate	10.15	149	302312	40.11	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	139448	44.52	ng		95
61) 4-Nitroaniline	10.28	138	86093	42.29	ng	#	78
62) Azobenzene	10.42	77	362497	42.17	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	43736	41.69	ng		88
65) n-Nitrosodiphenylamine	10.38	169	260700	39.28	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	77107	39.01	ng	#	89
67) Hexachlorobenzene	10.81	284	80443	36.77	ng		95
68) Atrazine	10.91	200	88513	42.80	ng		93
69) Pentachlorophenol	11.00	266	44553	34.41	ng		98
70) Phenanthrene	11.22	178	468959	43.74	ng		98
71) Anthracene	11.27	178	408917	38.36	ng		98
72) Carbazole	11.43	167	426915	42.55	ng		100
73) Di-n-butylphthalate	11.77	149	508933	43.61	ng		98
74) Fluoranthene	12.40	202	476684	43.86	ng		97
76) Benzidine	12.52	184	238756	32.95	ng		100
77) Pyrene	12.63	202	499860	41.12	ng		98
79) Butylbenzylphthalate	13.26	149	213318	39.34	ng		99
80) Benzo(a)anthracene	13.81	228	358981	38.88	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	116392	33.53	ng	#	94
82) Chrysene	13.84	228	298547	32.69	ng		98
83) Bis(2-ethylhexyl)phthalate	13.82	149	267848	43.27	ng		99
84) Di-n-octyl phthalate	14.42	149	403444	38.36	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	252657	35.95	ng	#	100
87) Benzo(b)fluoranthene	14.81	252	342217m	48.13	ng		
88) Benzo(k)fluoranthene	14.83	252	231510m	37.40	ng		
89) Benzo(a)pyrene	15.13	252	264065	43.86	ng	#	92
90) Dibenzo(a,h)anthracene	16.47	278	219130	43.59	ng		99
91) Benzo(g,h,i)perylene	16.83	276	220705	42.43	ng		98

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

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