Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088454.D
Acq On : 27 Jun 2016 14:17
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC020EC

Manual Integrations APPROVED
sohil
6/27/2016 8:03:09 PM

Quant Time: Jun 27 19:42:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 19:14:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	85902	20.00	ng		-0.01
21) Naphthalene-d8	7.83	136	347094	20.00	ng		-0.01
38) Acenaphthene-d10	9.58	164	156507	20.00	ng		-0.01
63) Phenanthrene-d10	11.05	188	289850	20.00	ng		-0.01
75) Chrysene-d12	13.68	240	210940	20.00	ng		-0.01
86) Perylene-d12	15.03	264	168969	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	392743	78.16	ng		-0.01
7) Phenol-d6	6.22	99	451078	74.07	ng		-0.02
23) Nitrobenzene-d5	7.12	82	416431	70.06	ng		-0.02
41) 2,4,6-Tribromophenol	10.36	330	103572	62.67	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	825051	82.66	ng		-0.01
78) Terphenyl-d14	12.63	244	701258	75.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	96021	39.33	ng	#	50
3) Pyridine	2.56	79	207446	35.98	ng		89
4) n-Nitrosodimethylamine	2.54	42	81642	33.44	ng	#	77
6) Aniline	6.20	93	290249	33.49	ng		94
8) 2-Chlorophenol	6.33	128	239544	40.28	ng		86
9) Benzaldehyde	6.09	77	82950	17.37	ng		99
10) Phenol	6.23	94	308783	49.35	ng		93
11) bis(2-Chloroethyl)ether	6.28	93	230052	43.08	ng		89
12) 1,3-Dichlorobenzene	6.48	146	245536m	38.48	ng		
13) 1,4-Dichlorobenzene	6.56	146	258841	40.27	ng		97
14) 1,2-Dichlorobenzene	6.71	146	230171m	39.37	ng		
15) Benzyl Alcohol	6.71	79	167730	35.21	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.83	45	204167	28.30	ng	#	1
17) 2-Methylphenol	6.83	107	179892m	37.30	ng		
18) Hexachloroethane	7.04	117	87948	38.56	ng	#	85
19) n-Nitroso-di-n-propylamine	6.98	70	160241	41.13	ng	#	83
20) 3+4-Methylphenols	6.99	107	224160	39.83	ng	#	80
22) Acetophenone	6.97	105	313817	40.46	ng	#	97
24) Nitrobenzene	7.14	77	240204	41.72	ng		96
25) Isophorone	7.38	82	417566	37.93	ng		98
26) 2-Nitrophenol	7.45	139	119682	38.80	ng		99
27) 2,4-Dimethylphenol	7.52	122	195172	34.37	ng		99
28) bis(2-Chloroethoxy)methane	7.60	93	270476	39.61	ng	#	96
29) 2,4-Dichlorophenol	7.71	162	187892	39.63	ng		92
30) 1,2,4-Trichlorobenzene	7.77	180	193842	37.55	ng		97
31) Naphthalene	7.85	128	665127	38.72	ng		99
32) Benzoic acid	7.66	122	12300	3.93	ng		83
33) 4-Chloroaniline	7.92	127	291804	38.04	ng	#	94
34) Hexachlorobutadiene	7.96	225	100557	36.93	ng		98
35) Caprolactam	8.31	113	57126	36.37	ng	#	80
36) 4-Chloro-3-methylphenol	8.42	107	198538	39.15	ng		99
37) 2-Methylnaphthalene	8.54	142	412585	36.44	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	176443	42.51	ng	#	1
40) Hexachlorocyclopentadiene	8.70	237	16162	6.40	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	110796	35.40	ng		96
43) 2,4,5-Trichlorophenol	8.89	196	117946	36.22	ng		99
45) 1,1'-Biphenyl	9.00	154	482486	40.44	ng		98
46) 2-Chloronaphthalene	9.03	162	400480	39.54	ng		99
47) 2-Nitroaniline	9.14	65	115620	38.70	ng	#	83
48) Acenaphthylene	9.44	152	640842	39.78	ng		99
49) Dimethylphthalate	9.32	163	480255	42.36	ng		99
50) 2,6-Dinitrotoluene	9.39	165	105744	40.73	ng	#	87
51) Acenaphthene	9.61	154	379800	37.79	ng		98
52) 3-Nitroaniline	9.56	138	126070	42.08	ng	#	76
53) 2,4-Dinitrophenol	9.76	184	5207m	7.50	ng		
54) Dibenzofuran	9.78	168	555250	40.12	ng	#	90
55) 4-Nitrophenol	9.80	139	30129m	12.96	ng		
56) 2,4-Dinitrotoluene	9.79	165	143236	42.93	ng	#	79
57) Fluorene	10.12	166	445314	47.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	82889	32.39	ng	#	59
59) Diethylphthalate	10.01	149	429154	37.40	ng		97
60) 4-Chlorophenyl-phenylether	10.11	204	172566	37.49	ng		90
61) 4-Nitroaniline	10.17	138	121089	42.61	ng		93
62) Azobenzene	10.27	77	435715	38.40	ng		95
64) 4,6-Dinitro-2-methylphenol	10.22	198	20294	12.87	ng	#	75
65) n-Nitrosodiphenylamine	10.24	169	378898	39.40	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	126697	40.74	ng		95
67) Hexachlorobenzene	10.66	284	120231	37.21	ng	#	88
68) Atrazine	10.78	200	102906	35.33	ng		90
69) Pentachlorophenol	10.88	266	18694	10.98	ng		97
70) Phenanthrene	11.07	178	574524	37.77	ng		99
71) Anthracene	11.13	178	683967	44.58	ng		99
72) Carbazole	11.29	167	594334	41.40	ng		99
73) Di-n-butylphthalate	11.62	149	654890	36.03	ng		100
74) Fluoranthene	12.25	202	630135	39.26	ng		98
76) Benzidine	12.39	184	185039	31.68	ng		100
77) Pyrene	12.48	202	597513	38.17	ng		99
79) Butylbenzylphthalate	13.11	149	280950	40.60	ng		87
80) Benzo(a)anthracene	13.67	228	451450	37.56	ng		100
81) 3,3'-Dichlorobenzidine	13.63	252	166723	51.58	ng	#	96
82) Chrysene	13.70	228	481009	42.53	ng		98
83) Bis(2-ethylhexyl)phthalate	13.67	149	325388	38.62	ng		99
84) Di-n-octyl phthalate	14.27	149	592812	43.31	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.25	276	399738	38.05	ng	#	100
87) Benzo(b)fluoranthene	14.67	252	461523m	39.19	ng		
88) Benzo(k)fluoranthene	14.70	252	353855m	39.83	ng		
89) Benzo(a)pyrene	14.98	252	382846	40.18	ng	#	94
90) Dibenzo(a,h)anthracene	16.26	278	335272	37.89	ng		95
91) Benzo(g,h,i)perylene	16.62	276	345630	37.97	ng		99

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

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