Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088295.D
Acq On : 23 Jun 2016 17:18
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/24/2016 8:28:00 AM

Quant Time: Jun 24 01:45:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	90910	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	371657	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	177270	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	338751	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	233506	20.00	ng		-0.01
86) Perylene-d12	15.10	264	184095	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	449694	84.56	ng		0.01
7) Phenol-d6	6.28	99	500802	77.71	ng		0.02
23) Nitrobenzene-d5	7.18	82	469023	73.69	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	132063	70.55	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	927759	82.02	ng		0.00
78) Terphenyl-d14	12.70	244	852011	83.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	102964	39.85	ng	#	40
3) Pyridine	2.66	79	235611	38.62	ng		92
4) n-Nitrosodimethylamine	2.62	42	95160	36.83	ng		79
6) Aniline	6.26	93	344929	37.60	ng		98
8) 2-Chlorophenol	6.39	128	254712	40.47	ng		97
9) Benzaldehyde	6.15	77	153967	37.80	ng		99
10) Phenol	6.30	94	309158	46.55	ng		94
11) bis(2-Chloroethyl)ether	6.34	93	236375	41.83	ng		91
12) 1,3-Dichlorobenzene	6.54	146	268174m	39.71	ng		
13) 1,4-Dichlorobenzene	6.62	146	273419	40.19	ng		98
14) 1,2-Dichlorobenzene	6.76	146	234003m	37.82	ng		
15) Benzyl Alcohol	6.76	79	195957	38.86	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	241452	31.62	ng	#	6
17) 2-Methylphenol	6.89	107	198745	38.94	ng	#	85
18) Hexachloroethane	7.11	117	94002	38.94	ng		93
19) n-Nitroso-di-n-propylamine	7.04	70	169609	41.14	ng	#	79
20) 3+4-Methylphenols	7.05	107	274885	46.15	ng	#	77
22) Acetophenone	7.03	105	354525	42.69	ng	#	97
24) Nitrobenzene	7.20	77	254405	41.26	ng		99
25) Isophorone	7.44	82	462159	39.20	ng		99
26) 2-Nitrophenol	7.51	139	137360	41.59	ng		96
27) 2,4-Dimethylphenol	7.58	122	227745	37.45	ng		97
28) bis(2-Chloroethoxy)methane	7.66	93	302099	41.32	ng		98
29) 2,4-Dichlorophenol	7.77	162	206075	40.59	ng		94
30) 1,2,4-Trichlorobenzene	7.83	180	208069	37.64	ng		98
31) Naphthalene	7.91	128	709270	38.56	ng		99
32) Benzoic acid	7.74	122	112751	33.67	ng		97
33) 4-Chloroaniline	7.98	127	322532	39.27	ng		95
34) Hexachlorobutadiene	8.02	225	107644	36.92	ng		98
35) Caprolactam	8.36	113	71436	42.48	ng	#	81
36) 4-Chloro-3-methylphenol	8.48	107	223037	41.08	ng		95
37) 2-Methylnaphthalene	8.60	142	472584	38.98	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	192715	40.34	ng	#	1
40) Hexachlorocyclopentadiene	8.75	237	112766	39.44	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	133919	37.78	ng		97
43) 2,4,5-Trichlorophenol	8.95	196	131763	35.73	ng		98
45) 1,1'-Biphenyl	9.06	154	540037	39.88	ng		99
46) 2-Chloronaphthalene	9.08	162	435093	37.93	ng		99
47) 2-Nitroaniline	9.20	65	126883	37.50	ng		87
48) Acenaphthylene	9.50	152	661767	36.27	ng		100
49) Dimethylphthalate	9.38	163	545021	42.44	ng		100
50) 2,6-Dinitrotoluene	9.44	165	117256	39.87	ng	#	59
51) Acenaphthene	9.67	154	388952	34.17	ng		98
52) 3-Nitroaniline	9.62	138	147112	43.35	ng	#	79
53) 2,4-Dinitrophenol	9.72	184	70434	49.02	ng	#	83
54) Dibenzofuran	9.84	168	564128	35.99	ng	#	85
55) 4-Nitrophenol	9.83	139	109551m	41.59	ng		
56) 2,4-Dinitrotoluene	9.85	165	159921	42.31	ng	#	89
57) Fluorene	10.18	166	451069	42.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	113129	39.03	ng	#	58
59) Diethylphthalate	10.07	149	523199	40.25	ng		97
60) 4-Chlorophenyl-phenylether	10.18	204	186554	35.79	ng	#	84
61) 4-Nitroaniline	10.24	138	138695	43.09	ng		98
62) Azobenzene	10.33	77	495325	38.54	ng		93
64) 4,6-Dinitro-2-methylphenol	10.26	198	73775	35.48	ng	#	64
65) n-Nitrosodiphenylamine	10.31	169	451589	40.18	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	134594	37.04	ng	#	89
67) Hexachlorobenzene	10.73	284	144515	38.27	ng	#	72
68) Atrazine	10.83	200	127155	37.36	ng		90
69) Pentachlorophenol	10.94	266	86131	43.27	ng		98
70) Phenanthrene	11.14	178	710161	39.95	ng		99
71) Anthracene	11.19	178	681846	38.03	ng		99
72) Carbazole	11.36	167	705084	42.02	ng		98
73) Di-n-butylphthalate	11.68	149	770376	36.27	ng		99
74) Fluoranthene	12.32	202	733451	39.10	ng		97
76) Benzidine	12.45	184	233723	36.15	ng		98
77) Pyrene	12.55	202	724856	41.83	ng		99
79) Butylbenzylphthalate	13.17	149	323275	42.20	ng		88
80) Benzo(a)anthracene	13.73	228	476369	35.80	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	141153	39.45	ng		98
82) Chrysene	13.76	228	516876	41.29	ng		98
83) Bis(2-ethylhexyl)phthalate	13.73	149	375575	40.27	ng		99
84) Di-n-octyl phthalate	14.33	149	584000	38.54	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.35	276	471212	40.51	ng	#	100
87) Benzo(b)fluoranthene	14.73	252	451991m	35.23	ng		
88) Benzo(k)fluoranthene	14.75	252	375624m	38.81	ng		
89) Benzo(a)pyrene	15.04	252	400155	38.55	ng		99
90) Dibenzo(a,h)anthracene	16.35	278	395206	40.99	ng		98
91) Benzo(g,h,i)perylene	16.73	276	427840	43.14	ng		96

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

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