Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085520.D
Acq On : 18 Mar 2016 5:45
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
UMANGI
3/18/2016 3:43:48 PM

Quant Time: Mar 18 11:48:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	133548	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	529185	20.00	ng		-0.05
38) Acenaphthene-d10	9.92	164	245425	20.00	ng		-0.03
63) Phenanthrene-d10	11.40	188	421425	20.00	ng		-0.05
75) Chrysene-d12	14.04	240	272973	20.00	ng		-0.05
86) Perylene-d12	15.48	264	268799	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	670202	86.26	ng		-0.05
7) Phenol-d6	6.50	99	850134	84.36	ng		-0.05
23) Nitrobenzene-d5	7.44	82	708598	79.17	ng		-0.05
41) 2,4,6-Tribromophenol	10.71	330	184694	81.71	ng		-0.05
44) 2-Fluorobiphenyl	9.25	172	1297338	91.71	ng		-0.03
78) Terphenyl-d14	12.98	244	914938	75.82	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	159082	41.03	ng		96
3) Pyridine	3.21	79	432254	46.97	ng		97
4) n-Nitrosodimethylamine	3.16	42	161279	37.95	ng		95
6) Aniline	6.54	93	570709	41.02	ng		98
8) 2-Chlorophenol	6.66	128	400260	43.94	ng		90
9) Benzaldehyde	6.42	77	205628	36.54	ng		94
10) Phenol	6.53	94	503744	44.59	ng		93
11) bis(2-Chloroethyl)ether	6.62	93	367352	42.29	ng		92
12) 1,3-Dichlorobenzene	6.81	146	405800m	40.19	ng		
13) 1,4-Dichlorobenzene	6.89	146	418930	41.42	ng		98
14) 1,2-Dichlorobenzene	7.05	146	389557	43.89	ng		95
15) Benzyl Alcohol	7.02	79	282751	39.29	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	471251	39.84	ng		98
17) 2-Methylphenol	7.13	107	304008	39.86	ng		96
18) Hexachloroethane	7.40	117	151631	40.87	ng	#	86
19) n-Nitroso-di-n-propylamine	7.29	70	221091	36.63	ng	#	91
20) 3+4-Methylphenols	7.29	107	368393	45.06	ng	#	64
22) Acetophenone	7.29	105	513489	39.60	ng	#	99
24) Nitrobenzene	7.46	77	441624	43.79	ng		96
25) Isophorone	7.70	82	731400	40.07	ng		98
26) 2-Nitrophenol	7.78	139	199732	41.34	ng		98
27) 2,4-Dimethylphenol	7.82	122	347440	40.43	ng		94
28) bis(2-Chloroethoxy)methane	7.91	93	398515	36.52	ng		99
29) 2,4-Dichlorophenol	8.02	162	302871	43.45	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	320401	39.78	ng		99
31) Naphthalene	8.18	128	1007798	38.97	ng		99
32) Benzoic acid	7.94	122	270861	54.81	ng		99
33) 4-Chloroaniline	8.23	127	413026	37.13	ng		99
34) Hexachlorobutadiene	8.31	225	166240	39.48	ng		99
35) Caprolactam	8.62	113	104784	46.03	ng	#	80
36) 4-Chloro-3-methylphenol	8.72	107	337951	42.46	ng		87
37) 2-Methylnaphthalene	8.88	142	668009	40.80	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	280804	36.79	ng		99
40) Hexachlorocyclopentadiene	9.03	237	63249	17.14	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	204654	40.60	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	198991	39.08	ng	#	87
45) 1,1'-Biphenyl	9.34	154	789592	39.42	ng		98
46) 2-Chloronaphthalene	9.37	162	615068	40.98	ng		97
47) 2-Nitroaniline	9.46	65	206478	45.43	ng	#	73
48) Acenaphthylene	9.78	152	1040173	42.84	ng		98
49) Dimethylphthalate	9.65	163	787204	43.96	ng		99
50) 2,6-Dinitrotoluene	9.70	165	154139	38.96	ng		93
51) Acenaphthene	9.96	154	627622	41.11	ng		99
52) 3-Nitroaniline	9.88	138	206008	43.55	ng		96
53) 2,4-Dinitrophenol	9.98	184	35247	21.74	ng	#	48
54) Dibenzofuran	10.13	168	809943	43.19	ng		95
55) 4-Nitrophenol	10.04	139	134065	41.18	ng		94
56) 2,4-Dinitrotoluene	10.10	165	188531	38.00	ng		90
57) Fluorene	10.47	166	660193	44.15	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	140956	40.32	ng		97
59) Diethylphthalate	10.34	149	757944	43.73	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	314193	40.89	ng		96
61) 4-Nitroaniline	10.48	138	166261	37.38	ng		98
62) Azobenzene	10.62	77	715475	41.56	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	61181	24.30	ng		85
65) n-Nitrosodiphenylamine	10.57	169	542733	41.79	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	193334	45.33	ng		93
67) Hexachlorobenzene	11.02	284	198180	45.03	ng	#	91
68) Atrazine	11.11	200	160823	43.28	ng		90
69) Pentachlorophenol	11.21	266	93413	40.04	ng		97
70) Phenanthrene	11.43	178	957032	43.60	ng		98
71) Anthracene	11.48	178	875001	39.14	ng		99
72) Carbazole	11.64	167	835597	44.17	ng		98
73) Di-n-butylphthalate	11.97	149	1125467	48.02	ng	#	98
74) Fluoranthene	12.61	202	800443	38.79	ng		96
76) Benzidine	12.73	184	339348	40.02	ng		99
77) Pyrene	12.84	202	792789	38.72	ng		99
79) Butylbenzylphthalate	13.45	149	383275	42.81	ng		98
80) Benzo(a)anthracene	14.03	228	598618	38.25	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	235503	44.46	ng	#	98
82) Chrysene	14.06	228	590019	41.91	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	509858	46.69	ng	#	99
84) Di-n-octyl phthalate	14.63	149	848452	53.22	ng		97
85) Indeno(1,2,3-cd)pyrene	16.89	276	638931	47.88	ng		98
87) Benzo(b)fluoranthene	15.05	252	710391	40.47	ng		100
88) Benzo(k)fluoranthene	15.09	252	501401m	36.47	ng		
89) Benzo(a)pyrene	15.41	252	604194	39.84	ng	#	95
90) Dibenzo(a,h)anthracene	16.91	278	550266	37.14	ng		97
91) Benzo(g,h,i)perylene	17.32	276	509633	33.68	ng		98

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

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