Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087462.D
Acq On : 28 May 2016 2:04
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
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5/31/2016 7:01:48 PM

Quant Time: May 28 05:22:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	185995	20.00	ng		-0.03
21) Naphthalene-d8	9.52	136	774785	20.00	ng		-0.03
38) Acenaphthene-d10	12.35	164	365984	20.00	ng		-0.03
63) Phenanthrene-d10	14.75	188	676453	20.00	ng		-0.02
75) Chrysene-d12	18.46	240	497555	20.00	ng		-0.02
86) Perylene-d12	20.11	264	393609	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	936224	88.45	ng		-0.03
7) Phenol-d6	7.05	99	1187979	83.06	ng		-0.02
23) Nitrobenzene-d5	8.42	82	1250719	81.36	ng		-0.02
41) 2,4,6-Tribromophenol	13.65	330	284928	81.01	ng		-0.03
44) 2-Fluorobiphenyl	11.30	172	1959010	75.46	ng		-0.03
78) Terphenyl-d14	17.11	244	1922574	82.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.78	88	216774	38.81	ng	#	74
3) Pyridine	2.36	79	463862	37.99	ng	#	64
4) n-Nitrosodimethylamine	2.34	42	408637	43.43	ng	#	45
6) Aniline	6.99	93	747179	40.38	ng		94
8) 2-Chlorophenol	7.18	128	534331	40.48	ng		94
9) Benzaldehyde	6.81	77	303168	38.39	ng		98
10) Phenol	7.07	94	662215	42.40	ng		86
11) bis(2-Chloroethyl)ether	7.14	93	514940	40.74	ng		87
12) 1,3-Dichlorobenzene	7.38	146	565645	39.29	ng	#	90
13) 1,4-Dichlorobenzene	7.52	146	591382	40.01	ng		96
14) 1,2-Dichlorobenzene	7.75	146	544170	39.80	ng		97
15) Benzyl Alcohol	7.79	79	448814	43.04	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.98	45	1094983	38.50	ng		87
17) 2-Methylphenol	8.01	107	444496	42.02	ng	#	89
18) Hexachloroethane	8.26	117	223165	40.47	ng		96
19) n-Nitroso-di-n-propylamine	8.23	70	439946	41.25	ng	#	73
20) 3+4-Methylphenols	8.27	107	567864	44.40	ng	#	61
22) Acetophenone	8.19	105	768564	41.52	ng	#	98
24) Nitrobenzene	8.44	77	638742	39.36	ng		96
25) Isophorone	8.84	82	1141724	41.41	ng		98
26) 2-Nitrophenol	8.95	139	281723	42.47	ng	#	72
27) 2,4-Dimethylphenol	9.10	122	486930	42.29	ng		87
28) bis(2-Chloroethoxy)methane	9.22	93	630354	40.59	ng		99
29) 2,4-Dichlorophenol	9.36	162	436822	42.09	ng		96
30) 1,2,4-Trichlorobenzene	9.45	180	469267	39.50	ng		97
31) Naphthalene	9.55	128	1528608	39.37	ng		99
32) Benzoic acid	9.47	122	241010	41.54	ng		88
33) 4-Chloroaniline	9.70	127	555786	38.87	ng	#	91
34) Hexachlorobutadiene	9.77	225	291513	40.37	ng		98
35) Caprolactam	10.38	113	132761m	43.83	ng		
36) 4-Chloro-3-methylphenol	10.57	107	496628	42.33	ng		88
37) 2-Methylnaphthalene	10.68	142	976510	40.26	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.96	216	453050	38.67	ng		98
40) Hexachlorocyclopentadiene	10.92	237	131933	33.59	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.19	196	270764	40.04	ng		94
43) 2,4,5-Trichlorophenol	11.27	196	266967	38.77	ng	#	92
45) 1,1'-Biphenyl	11.45	154	1174665	38.12	ng		96
46) 2-Chloronaphthalene	11.47	162	920562	39.05	ng		97
47) 2-Nitroaniline	11.69	65	360832	42.48	ng	#	77
48) Acenaphthylene	12.12	152	1413069	37.86	ng		99
49) Dimethylphthalate	12.01	163	1146224	39.10	ng		100
50) 2,6-Dinitrotoluene	12.11	165	241884	40.95	ng	#	80
51) Acenaphthene	12.41	154	898139	39.15	ng		98
52) 3-Nitroaniline	12.38	138	249524	41.16	ng		86
53) 2,4-Dinitrophenol	12.58	184	114838	41.42	ng	#	84
54) Dibenzofuran	12.70	168	1198132	38.58	ng		97
55) 4-Nitrophenol	12.76	139	114929	39.74	ng	#	21
56) 2,4-Dinitrotoluene	12.76	165	312084	39.53	ng	#	89
57) Fluorene	13.25	166	1007109	37.39	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.92	232	211975	40.02	ng		96
59) Diethylphthalate	13.15	149	1114947	39.12	ng		99
60) 4-Chlorophenyl-phenylether	13.27	204	498533	37.96	ng		99
61) 4-Nitroaniline	13.38	138	224791	39.72	ng	#	63
62) Azobenzene	13.53	77	1201786	40.64	ng		86
64) 4,6-Dinitro-2-methylphenol	13.44	198	176099	40.94	ng	#	83
65) n-Nitrosodiphenylamine	13.50	169	871013	39.81	ng		99
66) 4-Bromophenyl-phenylether	14.06	248	285310	38.55	ng		99
67) Hexachlorobenzene	14.13	284	300541	38.83	ng	#	67
68) Atrazine	14.41	200	219528	31.48	ng		93
69) Pentachlorophenol	14.49	266	103819	46.00	ng		96
70) Phenanthrene	14.79	178	1440445	38.44	ng		100
71) Anthracene	14.88	178	1502354	39.69	ng		100
72) Carbazole	15.17	167	1266107	39.22	ng		98
73) Di-n-butylphthalate	15.74	149	1679557	40.23	ng	#	98
74) Fluoranthene	16.55	202	1414458	37.65	ng		98
76) Benzidine	16.78	184	344939	26.94	ng		98
77) Pyrene	16.86	202	1507351	42.09	ng		100
79) Butylbenzylphthalate	17.77	149	700242	44.09	ng	#	85
80) Benzo(a)anthracene	18.43	228	1111800	39.28	ng		99
81) 3,3'-Dichlorobenzidine	18.42	252	633950	40.55	ng		99
82) Chrysene	18.49	228	1132099	40.30	ng		100
83) Bis(2-ethylhexyl)phthalate	18.51	149	967681	41.75	ng		98
84) Di-n-octyl phthalate	19.28	149	1368085	38.71	ng	#	84
85) Indeno(1,2,3-cd)pyrene	21.34	276	935259	41.54	ng		94
87) Benzo(b)fluoranthene	19.71	252	905234m	36.10	ng		
88) Benzo(k)fluoranthene	19.74	252	917403m	42.51	ng		
89) Benzo(a)pyrene	20.06	252	859095	39.62	ng	#	95
90) Dibenzo(a,h)anthracene	21.34	278	783975	42.39	ng		97
91) Benzo(g,h,i)perylene	21.68	276	777397	42.60	ng	#	94

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

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