Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF051716\
Data File : BF087097.D
Acq On : 17 May 2016 12:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/18/2016 6:56:09 PM

Quant Time: May 17 12:33:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	137066m	20.00	ng		-0.10
21) Naphthalene-d8	7.88	136	599137	20.00	ng		-0.10
38) Acenaphthene-d10	9.63	164	276562	20.00	ng		-0.10
63) Phenanthrene-d10	11.11	188	510056	20.00	ng		-0.10
75) Chrysene-d12	13.75	240	382946	20.00	ng		-0.09
86) Perylene-d12	15.10	264	353588	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	638080	78.84	ng		-0.11
7) Phenol-d6	6.39	99	32999	3.05	ng		0.03
23) Nitrobenzene-d5	7.18	82	924744	77.50	ng		-0.09
41) 2,4,6-Tribromophenol	10.42	330	212014	72.41	ng		-0.10
44) 2-Fluorobiphenyl	8.97	172	1429717	86.88	ng		-0.09
78) Terphenyl-d14	12.70	244	1310865	72.63	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	160661	40.43	ng	#	75
3) Pyridine	2.66	79	366607	37.74	ng	#	67
4) n-Nitrosodimethylamine	2.62	42	293525	41.67	ng	#	50
6) Aniline	6.26	93	529057	40.44	ng		96
8) 2-Chlorophenol	6.39	128	386375	39.56	ng		96
9) Benzaldehyde	6.14	77	204596	32.66	ng		95
10) Phenol	6.28	94	498733	38.79	ng		92
11) bis(2-Chloroethyl)ether	6.34	93	369682	36.88	ng		88
12) 1,3-Dichlorobenzene	6.62	146	414745	39.24	ng		99
13) 1,4-Dichlorobenzene	6.62	146	414745	38.48	ng		98
14) 1,2-Dichlorobenzene	6.76	146	377999	40.24	ng		98
15) Benzyl Alcohol	6.76	79	323560	43.32	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.89	45	840136	38.54	ng		57
17) 2-Methylphenol	7.05	107	426438	54.87	ng	#	83
18) Hexachloroethane	7.11	117	158710	39.14	ng	#	81
19) n-Nitroso-di-n-propylamine	7.18	70	133287	17.63	ng	#	75
20) 3+4-Methylphenols	7.05	107	426438	42.01	ng	#	58
22) Acetophenone	7.02	105	570335	40.30	ng	#	94
24) Nitrobenzene	7.19	77	441567	35.97	ng		92
25) Isophorone	7.44	82	831307	37.55	ng		96
26) 2-Nitrophenol	7.51	139	206904	38.35	ng	#	73
27) 2,4-Dimethylphenol	7.56	122	325235	35.39	ng		88
28) bis(2-Chloroethoxy)methane	7.66	93	461789	38.67	ng		99
29) 2,4-Dichlorophenol	7.76	162	317093	39.20	ng		96
30) 1,2,4-Trichlorobenzene	7.83	180	327754	36.24	ng		96
31) Naphthalene	7.91	128	1153178	38.43	ng		99
32) Benzoic acid	7.72	122	246537	45.67	ng	#	77
33) 4-Chloroaniline	7.98	127	435071	37.31	ng		99
34) Hexachlorobutadiene	8.02	225	180318	34.36	ng		99
35) Caprolactam	8.36	113	109918	39.94	ng	#	58
36) 4-Chloro-3-methylphenol	8.48	107	376151	38.34	ng		99
37) 2-Methylnaphthalene	8.70	142	695756	39.66	ng		94
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	317994	39.55	ng		97
40) Hexachlorocyclopentadiene	8.75	237	89716	23.51	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	208396	38.76	ng		94
43) 2,4,5-Trichlorophenol	8.94	196	219047	39.39	ng	#	89
45) 1,1'-Biphenyl	9.06	154	865695	39.35	ng		97
46) 2-Chloronaphthalene	9.08	162	661665	38.39	ng		93
47) 2-Nitroaniline	9.20	65	287841	45.70	ng	#	83
48) Acenaphthylene	9.50	152	1035787	40.86	ng		99
49) Dimethylphthalate	9.38	163	821443	38.93	ng		99
50) 2,6-Dinitrotoluene	9.44	165	164214	36.98	ng	#	80
51) Acenaphthene	9.67	154	634856	40.26	ng		98
52) 3-Nitroaniline	9.61	138	190653	40.78	ng		83
53) 2,4-Dinitrophenol	9.72	184	91712	44.22	ng		89
54) Dibenzofuran	9.84	168	794925	39.27	ng		94
55) 4-Nitrophenol	9.84	139	468685	146.35	ng	#	19
56) 2,4-Dinitrotoluene	9.85	165	215201	39.16	ng	#	63
57) Fluorene	10.18	166	706884	40.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	158142	37.77	ng		97
59) Diethylphthalate	10.07	149	701603	34.12	ng		99
60) 4-Chlorophenyl-phenylether	10.18	204	325397	42.80	ng	#	78
61) 4-Nitroaniline	10.23	138	208020	46.33	ng	#	78
62) Azobenzene	10.33	77	837751	37.77	ng		82
64) 4,6-Dinitro-2-methylphenol	10.25	198	126360	39.88	ng	#	14
65) n-Nitrosodiphenylamine	10.31	169	616153	39.32	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	198944	38.47	ng		100
67) Hexachlorobenzene	10.73	284	248588	41.13	ng		98
68) Atrazine	10.83	200	166439	31.80	ng		95
69) Pentachlorophenol	10.94	266	90341	32.34	ng		96
70) Phenanthrene	11.13	178	1044933	38.39	ng		99
71) Anthracene	11.19	178	1076098	38.66	ng		100
72) Carbazole	11.35	167	921940	38.53	ng		99
73) Di-n-butylphthalate	11.69	149	1207184	41.31	ng		99
74) Fluoranthene	12.32	202	1126933	40.25	ng		95
76) Benzidine	12.46	184	413435	42.35	ng		96
77) Pyrene	12.55	202	1172399	39.99	ng		100
79) Butylbenzylphthalate	13.18	149	518214	41.79	ng		89
80) Benzo(a)anthracene	13.73	228	883566	41.10	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	655373	47.98	ng		99
82) Chrysene	13.77	228	958497	43.83	ng		100
83) Bis(2-ethylhexyl)phthalate	13.74	149	611589	41.00	ng		98
84) Di-n-octyl phthalate	14.34	149	1003062	40.59	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.34	276	729953	40.12	ng		95
87) Benzo(b)fluoranthene	14.73	252	1573539	68.47	ng	#	97
88) Benzo(k)fluoranthene	14.73	252	1574513	83.68	ng		100
89) Benzo(a)pyrene	15.05	252	754690	38.08	ng	#	95
90) Dibenzo(a,h)anthracene	16.35	278	610325	36.54	ng	#	93
91) Benzo(g,h,i)perylene	16.71	276	608372	35.84	ng		94

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

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