Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088856.D
Acq On : 9 Jul 2016 6:36
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
UMANGI
7/10/2016 12:33:56 AM

Quant Time: Jul 09 07:04:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	92587	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	379307	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	170872	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	330260	20.00	ng		0.00
75) Chrysene-d12	13.86	240	170887	20.00	ng		-0.01
86) Perylene-d12	15.25	264	190826	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	433433	70.16	ng		-0.01
7) Phenol-d6	6.38	99	572749	71.75	ng		0.00
23) Nitrobenzene-d5	7.30	82	508682	70.28	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	148265	93.44	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	853575	78.91	ng		0.00
78) Terphenyl-d14	12.82	244	706283	92.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	107337	35.04	ng	#	38
3) Pyridine	2.90	79	303046	34.10	ng		89
4) n-Nitrosodimethylamine	2.87	42	110019	32.40	ng		87
6) Aniline	6.40	93	421225	36.21	ng		100
8) 2-Chlorophenol	6.51	128	245178	36.93	ng		100
9) Benzaldehyde	6.27	77	172748	31.95	ng		89
10) Phenol	6.39	94	301977	33.15	ng	#	49
11) bis(2-Chloroethyl)ether	6.48	93	258017	37.98	ng	#	81
12) 1,3-Dichlorobenzene	6.67	146	299606	41.01	ng		98
13) 1,4-Dichlorobenzene	6.75	146	300791	41.48	ng		99
14) 1,2-Dichlorobenzene	6.90	146	248796m	36.65	ng		
15) Benzyl Alcohol	6.88	79	204109	34.74	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	303237	30.82	ng		89
17) 2-Methylphenol	7.00	107	212343	39.20	ng		98
18) Hexachloroethane	7.24	117	111520	39.75	ng	#	86
19) n-Nitroso-di-n-propylamine	7.16	70	204925	38.22	ng	#	83
20) 3+4-Methylphenols	7.15	107	228399	35.13	ng	#	76
22) Acetophenone	7.15	105	378047	41.06	ng	#	90
24) Nitrobenzene	7.32	77	303103	41.53	ng		95
25) Isophorone	7.56	82	493986	36.84	ng		98
26) 2-Nitrophenol	7.63	139	119142	39.81	ng		94
27) 2,4-Dimethylphenol	7.68	122	220020	35.30	ng		87
28) bis(2-Chloroethoxy)methane	7.78	93	347490	39.83	ng		97
29) 2,4-Dichlorophenol	7.88	162	213628	42.41	ng		92
30) 1,2,4-Trichlorobenzene	7.96	180	238871	43.21	ng		99
31) Naphthalene	8.04	128	815577	43.61	ng		99
32) Benzoic acid	7.83	122	149648	33.07	ng		97
33) 4-Chloroaniline	8.09	127	314149	37.76	ng		97
34) Hexachlorobutadiene	8.16	225	122356	41.34	ng		98
35) Caprolactam	8.48	113	68317	39.93	ng	#	53
36) 4-Chloro-3-methylphenol	8.58	107	257604	43.25	ng		99
37) 2-Methylnaphthalene	8.73	142	489372m	40.64	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	262480	46.18	ng	#	1
40) Hexachlorocyclopentadiene	8.89	237	93614	33.56	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	138676	37.01	ng		96
43) 2,4,5-Trichlorophenol	9.05	196	149135	46.26	ng	#	94
45) 1,1'-Biphenyl	9.20	154	640714	45.28	ng		96
46) 2-Chloronaphthalene	9.22	162	476285	42.88	ng		96
47) 2-Nitroaniline	9.31	65	155421	39.43	ng		97
48) Acenaphthylene	9.63	152	762665	43.15	ng		99
49) Dimethylphthalate	9.51	163	506234	41.59	ng		98
50) 2,6-Dinitrotoluene	9.55	165	111419	41.30	ng	#	37
51) Acenaphthene	9.80	154	476856	44.02	ng		99
52) 3-Nitroaniline	9.72	138	129918	37.88	ng		91
53) 2,4-Dinitrophenol	9.83	184	35712	29.98	ng		94
54) Dibenzofuran	9.98	168	586575	41.37	ng		96
55) 4-Nitrophenol	9.88	139	84153	32.29	ng		91
56) 2,4-Dinitrotoluene	9.95	165	147139	41.71	ng	#	50
57) Fluorene	10.31	166	435904	39.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	106277	42.61	ng	#	49
59) Diethylphthalate	10.19	149	483702	39.59	ng		99
60) 4-Chlorophenyl-phenylether	10.31	204	207899	40.95	ng		94
61) 4-Nitroaniline	10.33	138	140231	42.49	ng		79
62) Azobenzene	10.47	77	560232	40.20	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	57158	32.36	ng		96
65) n-Nitrosodiphenylamine	10.43	169	442163	39.56	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	139216	41.83	ng		95
67) Hexachlorobenzene	10.86	284	134946	36.63	ng		96
68) Atrazine	10.96	200	138480	39.76	ng		93
69) Pentachlorophenol	11.05	266	76393	35.04	ng		97
70) Phenanthrene	11.27	178	684060	37.89	ng		99
71) Anthracene	11.31	178	685706	38.20	ng		99
72) Carbazole	11.47	167	594255	35.17	ng		99
73) Di-n-butylphthalate	11.82	149	824666	41.96	ng		99
74) Fluoranthene	12.45	202	630717	34.46	ng		99
76) Benzidine	12.57	184	317752	36.79	ng		99
77) Pyrene	12.67	202	678351	46.82	ng		100
79) Butylbenzylphthalate	13.30	149	310585	48.06	ng		89
80) Benzo(a)anthracene	13.85	228	458989	41.71	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	159486	38.55	ng		99
82) Chrysene	13.90	228	476408	43.76	ng		97
83) Bis(2-ethylhexyl)phthalate	13.86	149	365728	49.57	ng		98
84) Di-n-octyl phthalate	14.47	149	571117	45.56	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.55	276	504250	60.20	ng	#	100
87) Benzo(b)fluoranthene	14.86	252	400204m	33.43	ng		
88) Benzo(k)fluoranthene	14.89	252	433914m	41.64	ng		
89) Benzo(a)pyrene	15.19	252	396302	39.10	ng	#	96
90) Dibenzo(a,h)anthracene	16.56	278	432149	51.06	ng		99
91) Benzo(g,h,i)perylene	16.95	276	450401	51.43	ng	#	92

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

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