Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101304.D
Acq On : 11 Dec 2017 23:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/12/2017 3:59:20 PM

Quant Time: Dec 12 11:03:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	46013	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	174052	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	76377	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	123920	20.00	ng		0.00
75) Chrysene-d12	14.02	240	100555	20.00	ng		0.01
86) Perylene-d12	15.49	264	87029	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	219297	78.76	ng		0.00
7) Phenol-d6	6.47	99	260785	77.14	ng		0.00
23) Nitrobenzene-d5	7.40	82	234376	80.33	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	55485	60.47	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	477420	85.52	ng		0.00
78) Terphenyl-d14	12.95	244	351775	76.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	43722	37.971	ng		98
3) Pyridine	3.32	79	110395	36.984	ng		97
4) n-Nitrosodimethylamine	3.28	42	58648	40.228	ng	#	89
6) Aniline	6.50	93	165303	37.601	ng		98
8) 2-Chlorophenol	6.62	128	116907	38.506	ng		92
9) Benzaldehyde	6.39	77	73050	35.304	ng		89
10) Phenol	6.49	94	142715	37.965	ng		81
11) bis(2-Chloroethyl)ether	6.57	93	105753	37.506	ng		99
12) 1,3-Dichlorobenzene	6.77	146	135401	38.300	ng		100
13) 1,4-Dichlorobenzene	6.85	146	138368	37.804	ng		99
14) 1,2-Dichlorobenzene	7.00	146	130495	38.224	ng		97
15) Benzyl Alcohol	6.97	79	98491	37.720	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	140055	36.542	ng		85
17) 2-Methylphenol	7.09	107	93008	37.938	ng		94
18) Hexachloroethane	7.34	117	36521	31.057	ng	#	86
19) n-Nitroso-di-n-propylamine	7.25	70	84177	36.972	ng		94
20) 3+4-Methylphenols	7.25	107	119894	37.499	ng	#	58
22) Acetophenone	7.25	105	168041	39.962	ng	#	91
24) Nitrobenzene	7.42	77	115366	40.343	ng		96
25) Isophorone	7.66	82	193388	38.803	ng		98
26) 2-Nitrophenol	7.73	139	51125	32.568	ng		94
27) 2,4-Dimethylphenol	7.77	122	92170	40.589	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	132471	39.548	ng		99
29) 2,4-Dichlorophenol	7.98	162	96546	39.059	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	107531	39.563	ng		99
31) Naphthalene	8.14	128	329403	38.400	ng		99
32) Benzoic acid	7.89	122	31838m	18.026	ng		
33) 4-Chloroaniline	8.19	127	131550	38.167	ng		99
34) Hexachlorobutadiene	8.25	225	65963	39.569	ng		97
35) Caprolactam	8.57	113	25376	32.942	ng		87
36) 4-Chloro-3-methylphenol	8.67	107	93960	36.697	ng		97
37) 2-Methylnaphthalene	8.83	142	214750	36.843	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	116924	42.141	ng	#	97
40) Hexachlorocyclopentadiene	8.97	237	894m	8.966	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	63424	38.994	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	64736	37.229	ng		94
45) 1,1'-Biphenyl	9.29	154	287949	41.149	ng		97
46) 2-Chloronaphthalene	9.32	162	199493	40.143	ng		95
47) 2-Nitroaniline	9.42	65	58940	40.086	ng		98
48) Acenaphthylene	9.73	152	315720	38.658	ng		99
49) Dimethylphthalate	9.59	163	246481	40.016	ng		99
50) 2,6-Dinitrotoluene	9.66	165	46676	35.978	ng		89
51) Acenaphthene	9.90	154	186110	38.057	ng		99
52) 3-Nitroaniline	9.83	138	56140	38.479	ng		95
54) Dibenzofuran	10.08	168	262850	37.297	ng		97
55) 4-Nitrophenol	10.00	139	30563	31.062	ng		98
56) 2,4-Dinitrotoluene	10.07	165	54165	31.153	ng	#	92
57) Fluorene	10.42	166	206343	36.018	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	43665	31.362	ng	#	84
59) Diethylphthalate	10.29	149	234196	38.548	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	107882	38.139	ng		92
61) 4-Nitroaniline	10.45	138	53521	35.340	ng		86
62) Azobenzene	10.57	77	181082	35.121	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	2558	3.078	ng		88
65) n-Nitrosodiphenylamine	10.53	169	198708	45.453	ng		96
66) 4-Bromophenyl-phenylether	10.90	248	61882	44.613	ng	#	90
67) Hexachlorobenzene	10.97	284	58834	39.576	ng	#	88
68) Atrazine	11.06	200	53865	40.167	ng		97
69) Pentachlorophenol	11.17	266	25437m	31.120	ng		
70) Phenanthrene	11.39	178	260979	38.243	ng		98
71) Anthracene	11.44	178	261619	37.879	ng		98
72) Carbazole	11.60	167	226978	35.968	ng		98
73) Di-n-butylphthalate	11.92	149	325388	41.138	ng		97
74) Fluoranthene	12.58	202	250467	33.111	ng		94
76) Benzidine	12.70	184	113168	34.609	ng		98
77) Pyrene	12.81	202	255603	36.838	ng		98
79) Butylbenzylphthalate	13.42	149	113143	36.985	ng		92
80) Benzo(a)anthracene	14.00	228	238099	37.502	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	87004	39.569	ng		98
82) Chrysene	14.04	228	225112	38.178	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	160032	36.689	ng		100
84) Di-n-octyl phthalate	14.58	149	274585	37.808	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	168366	32.118	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	201841m	38.720	ng		
88) Benzo(k)fluoranthene	15.09	252	209311	40.755	ng	#	96
89) Benzo(a)pyrene	15.43	252	178763	37.721	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	146002	34.946	ng	#	95
91) Benzo(g,h,i)perylene	17.43	276	129886	32.988	ng	#	91

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

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