Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101855.D
Acq On : 3 Jan 2018 12:59
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/4/2018 1:56:14 PM

Quant Time: Jan 04 01:14:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	113040	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	456606	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	211052	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	405834	20.00	ng		-0.02
75) Chrysene-d12	13.95	240	309136	20.00	ng		-0.02
86) Perylene-d12	15.42	264	279431	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	629364	82.93	ng		-0.01
7) Phenol-d6	6.42	99	706427	74.80	ng		-0.01
23) Nitrobenzene-d5	7.35	82	633891	77.28	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	169604	83.40	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	1057977	77.76	ng		-0.02
78) Terphenyl-d14	12.88	244	1027797	80.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	140875	36.128	ng		96
3) Pyridine	3.22	79	370696	34.216	ng		96
4) n-Nitrosodimethylamine	3.19	42	162967m	32.670	ng		
6) Aniline	6.44	93	473348	36.065	ng	#	78
8) 2-Chlorophenol	6.56	128	313067	39.218	ng		98
9) Benzaldehyde	6.34	77	224688	32.214	ng		98
10) Phenol	6.43	94	390219	36.251	ng	#	61
11) bis(2-Chloroethyl)ether	6.51	93	312432	37.002	ng		95
12) 1,3-Dichlorobenzene	6.71	146	353733	39.262	ng		98
13) 1,4-Dichlorobenzene	6.79	146	366923	39.881	ng		98
14) 1,2-Dichlorobenzene	6.94	146	323620	39.077	ng		97
15) Benzyl Alcohol	6.93	79	254821	39.199	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	476983	36.911	ng	#	25
17) 2-Methylphenol	7.04	107	269295	36.673	ng	#	90
18) Hexachloroethane	7.27	117	122451	38.280	ng		96
19) n-Nitroso-di-n-propylamine	7.19	70	239704	38.647	ng		94
20) 3+4-Methylphenols	7.20	107	357007	45.880	ng	#	66
22) Acetophenone	7.19	105	429624	41.236	ng		95
24) Nitrobenzene	7.36	77	348322	38.369	ng		100
25) Isophorone	7.60	82	597782	36.328	ng		98
26) 2-Nitrophenol	7.68	139	171793	44.047	ng		97
27) 2,4-Dimethylphenol	7.72	122	258715	39.046	ng		96
28) bis(2-Chloroethoxy)methane	7.80	93	396797	37.962	ng		99
29) 2,4-Dichlorophenol	7.93	162	267899	40.925	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	263523	38.147	ng		95
31) Naphthalene	8.07	128	883055	38.415	ng		100
32) Benzoic acid	7.89	122	184441	42.422	ng		99
33) 4-Chloroaniline	8.14	127	387035	38.738	ng		99
34) Hexachlorobutadiene	8.17	225	157166	39.336	ng		98
35) Caprolactam	8.52	113	86307m	37.970	ng		
36) 4-Chloro-3-methylphenol	8.63	107	287936	40.020	ng		99
37) 2-Methylnaphthalene	8.76	142	578214	38.608	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	280436	39.356	ng		98
40) Hexachlorocyclopentadiene	8.90	237	33260	36.706	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	167819	39.120	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	161184	34.316	ng		95
45) 1,1'-Biphenyl	9.23	154	720905	38.516	ng		99
46) 2-Chloronaphthalene	9.26	162	542782	37.900	ng		98
47) 2-Nitroaniline	9.37	65	198752	40.173	ng		90
48) Acenaphthylene	9.67	152	857177	37.894	ng		100
49) Dimethylphthalate	9.53	163	644813	37.983	ng		100
50) 2,6-Dinitrotoluene	9.61	165	134682	39.035	ng	#	85
51) Acenaphthene	9.84	154	514419	37.852	ng		99
52) 3-Nitroaniline	9.79	138	176701	41.077	ng		98
53) 2,4-Dinitrophenol	9.96	184	56361m	51.171	ng		
54) Dibenzofuran	10.02	168	738303	42.748	ng		98
55) 4-Nitrophenol	9.98	139	84179m	44.878	ng		
56) 2,4-Dinitrotoluene	10.03	165	193772	49.847	ng	#	97
57) Fluorene	10.36	166	599004	40.999	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	136429	40.427	ng	#	89
59) Diethylphthalate	10.23	149	652644	38.822	ng		96
60) 4-Chlorophenyl-phenylether	10.35	204	293114	41.860	ng	#	88
61) 4-Nitroaniline	10.41	138	171135	39.579	ng		94
62) Azobenzene	10.50	77	635184	36.473	ng		97
64) 4,6-Dinitro-2-methylphenol	10.45	198	92324	44.579	ng		91
65) n-Nitrosodiphenylamine	10.47	169	560265	37.388	ng		95
66) 4-Bromophenyl-phenylether	10.83	248	180356	39.551	ng	#	86
67) Hexachlorobenzene	10.91	284	188056	38.965	ng	#	91
68) Atrazine	11.00	200	165214	36.975	ng		95
69) Pentachlorophenol	11.12	266	55775	33.839	ng		97
70) Phenanthrene	11.32	178	865871	38.365	ng		99
71) Anthracene	11.37	178	893523	38.758	ng		100
72) Carbazole	11.54	167	853420	39.539	ng		99
73) Di-n-butylphthalate	11.84	149	1034082	39.473	ng		99
74) Fluoranthene	12.52	202	926042	39.091	ng		99
76) Benzidine	12.64	184	426868	32.694	ng		99
77) Pyrene	12.74	202	948046	40.863	ng		100
79) Butylbenzylphthalate	13.34	149	433096	41.256	ng		95
80) Benzo(a)anthracene	13.94	228	772691	37.853	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	259023	38.916	ng	#	98
82) Chrysene	13.97	228	754967	39.172	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	527607	39.680	ng		99
84) Di-n-octyl phthalate	14.50	149	930531	39.241	ng		99
85) Indeno(1,2,3-cd)pyrene	16.89	276	601983	35.075	ng		97
87) Benzo(b)fluoranthene	14.99	252	615036	36.111	ng		99
88) Benzo(k)fluoranthene	15.02	252	695437	41.996	ng		98
89) Benzo(a)pyrene	15.36	252	592989	37.768	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	508497	37.720	ng		98
91) Benzo(g,h,i)perylene	17.33	276	513207	38.446	ng		97

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

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