Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107698.D
Acq On : 26 Jul 2018 14:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/27/2018 2:53:37 PM

Quant Time: Jul 26 15:31:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	193554	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	797610	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	359840	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	726090	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	523826	20.00	ng		-0.01
86) Perylene-d12	15.68	264	419458	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	946159	78.60	ng		0.00
7) Phenol-d6	6.61	99	1104576	76.42	ng		0.00
23) Nitrobenzene-d5	7.54	82	1079949	91.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	383226	93.65	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	2030207	101.98	ng		-0.02
78) Terphenyl-d14	13.08	244	1914914	93.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	189354	33.794	ng	#	84
3) Pyridine	3.61	79	497820m	32.658	ng		
4) n-Nitrosodimethylamine	3.59	42	221221m	34.410	ng		
6) Aniline	6.64	93	640014	34.329	ng	#	68
8) 2-Chlorophenol	6.76	128	524862	40.695	ng		98
9) Benzaldehyde	6.52	77	368934	43.236	ng		95
10) Phenol	6.62	94	601740	35.396	ng		85
11) bis(2-Chloroethyl)ether	6.70	93	582147	41.304	ng		94
12) 1,3-Dichlorobenzene	6.91	146	578370	39.552	ng		98
13) 1,4-Dichlorobenzene	6.98	146	633918	42.296	ng		99
14) 1,2-Dichlorobenzene	7.14	146	557507	41.450	ng		98
15) Benzyl Alcohol	7.11	79	392669	39.859	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	833187	35.041	ng		68
17) 2-Methylphenol	7.22	107	414674	37.828	ng	#	85
18) Hexachloroethane	7.47	117	215026	40.904	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	357330	38.266	ng		97
20) 3+4-Methylphenols	7.38	107	544282	41.814	ng	#	57
22) Acetophenone	7.38	105	725261	38.718	ng	#	90
24) Nitrobenzene	7.55	77	574287	42.425	ng		98
25) Isophorone	7.78	82	878684	34.820	ng		99
26) 2-Nitrophenol	7.87	139	305088	53.370	ng		98
27) 2,4-Dimethylphenol	7.90	122	398053	36.787	ng		100
28) bis(2-Chloroethoxy)methane	7.99	93	603968	35.814	ng		99
29) 2,4-Dichlorophenol	8.11	162	456900	41.312	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	500990	40.331	ng		97
31) Naphthalene	8.27	128	1377019	39.260	ng		100
32) Benzoic acid	8.03	122	236824m	34.091	ng		
33) 4-Chloroaniline	8.32	127	635725	41.469	ng		98
34) Hexachlorobutadiene	8.37	225	291398	39.479	ng		98
35) Caprolactam	8.70	113	128199	35.638	ng	#	84
36) 4-Chloro-3-methylphenol	8.81	107	489628	39.854	ng		99
37) 2-Methylnaphthalene	8.96	142	955105	39.297	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	498288	41.517	ng		98
40) Hexachlorocyclopentadiene	9.10	237	223285	36.597	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	313180	40.766	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	358991	44.711	ng		94
45) 1,1'-Biphenyl	9.42	154	1310316	41.801	ng		98
46) 2-Chloronaphthalene	9.45	162	979545	40.882	ng		98
47) 2-Nitroaniline	9.56	65	328162	46.980	ng		91
48) Acenaphthylene	9.87	152	1457491	40.494	ng		99
49) Dimethylphthalate	9.72	163	1051531	38.773	ng		100
50) 2,6-Dinitrotoluene	9.80	165	242769	45.087	ng		94
51) Acenaphthene	10.04	154	837758	37.149	ng		99
52) 3-Nitroaniline	9.98	138	297760	45.457	ng		96
53) 2,4-Dinitrophenol	10.08	184	106723	52.014	ng	#	29
54) Dibenzofuran	10.21	168	1334598	40.198	ng		98
55) 4-Nitrophenol	10.15	139	163349m	33.307	ng		
56) 2,4-Dinitrotoluene	10.20	165	302602	46.558	ng	#	95
57) Fluorene	10.56	166	1004195	42.397	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	309639	46.337	ng	#	81
59) Diethylphthalate	10.42	149	1093320	38.601	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	547230	40.868	ng		95
61) 4-Nitroaniline	10.60	138	268148	48.724	ng		96
62) Azobenzene	10.71	77	1019314	38.379	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	170320	48.483	ng		91
65) n-Nitrosodiphenylamine	10.67	169	947954	38.441	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	330189	38.631	ng	#	90
67) Hexachlorobenzene	11.10	284	367261	39.051	ng		93
68) Atrazine	11.19	200	282075	37.464	ng		95
69) Pentachlorophenol	11.31	266	226772	38.604	ng		99
70) Phenanthrene	11.52	178	1386505	39.186	ng		99
71) Anthracene	11.58	178	1500679	42.124	ng		100
72) Carbazole	11.74	167	1525630	41.182	ng		98
73) Di-n-butylphthalate	12.04	149	1642633	42.354	ng		99
74) Fluoranthene	12.72	202	1524708	40.158	ng		97
76) Benzidine	12.85	184	629460	41.727	ng		100
77) Pyrene	12.95	202	1538959	42.951	ng		98
79) Butylbenzylphthalate	13.55	149	673380	43.700	ng		95
80) Benzo(a)anthracene	14.14	228	1176634	38.330	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	420246	46.705	ng	#	95
82) Chrysene	14.18	228	1201719	40.753	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	778381	35.801	ng		98
84) Di-n-octyl phthalate	14.72	149	1212940	35.891	ng		98
85) Indeno(1,2,3-cd)pyrene	17.26	276	931017	37.253	ng		94
87) Benzo(b)fluoranthene	15.22	252	844738	36.797	ng		98
88) Benzo(k)fluoranthene	15.25	252	950899	42.279	ng	#	97
89) Benzo(a)pyrene	15.61	252	813770	38.753	ng		99
90) Dibenzo(a,h)anthracene	17.27	278	781534	43.055	ng	#	95
91) Benzo(g,h,i)perylene	17.74	276	785702	43.882	ng	#	92

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

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