Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107355.D
Acq On : 13 Jul 2018 9:51
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/16/2018 3:21:55 PM

Quant Time: Jul 13 11:53:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	48680	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	199035	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	105894	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	216175	20.00	ng		0.00
75) Chrysene-d12	14.14	240	181365	20.00	ng		0.00
86) Perylene-d12	15.67	264	148089	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	256710	89.30	ng		0.00
7) Phenol-d6	6.58	99	313422	87.30	ng		0.00
23) Nitrobenzene-d5	7.50	82	295109	82.40	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	97213	79.21	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	548812	88.29	ng		0.00
78) Terphenyl-d14	13.06	244	677353	90.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	60011	40.603	ng		98
3) Pyridine	3.55	79	160563	40.057	ng		97
4) n-Nitrosodimethylamine	3.53	42	64406	37.831	ng		81
6) Aniline	6.60	93	204377	41.967	ng	#	72
8) 2-Chlorophenol	6.72	128	135548	42.988	ng		97
9) Benzaldehyde	6.49	77	88605	35.207	ng		97
10) Phenol	6.59	94	173543	42.357	ng	#	72
11) bis(2-Chloroethyl)ether	6.67	93	139748	41.316	ng		97
12) 1,3-Dichlorobenzene	6.87	146	158883	43.022	ng		97
13) 1,4-Dichlorobenzene	6.95	146	162354	43.484	ng		96
14) 1,2-Dichlorobenzene	7.10	146	150435	43.964	ng		97
15) Benzyl Alcohol	7.08	79	112975	39.190	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	168271	37.917	ng	#	1
17) 2-Methylphenol	7.19	107	124780	46.242	ng	#	92
18) Hexachloroethane	7.44	117	54445	41.467	ng	#	83
19) n-Nitroso-di-n-propylamine	7.34	70	100322	42.393	ng		92
20) 3+4-Methylphenols	7.35	107	150122	54.886	ng	#	77
22) Acetophenone	7.34	105	195364	43.873	ng	#	97
24) Nitrobenzene	7.52	77	148898	40.721	ng		99
25) Isophorone	7.75	82	253918	40.234	ng		99
26) 2-Nitrophenol	7.84	139	76856	44.525	ng		92
27) 2,4-Dimethylphenol	7.87	122	114349	42.859	ng		100
28) bis(2-Chloroethoxy)methane	7.95	93	171374	40.443	ng		99
29) 2,4-Dichlorophenol	8.08	162	125148	44.804	ng		93
30) 1,2,4-Trichlorobenzene	8.15	180	140437	45.640	ng		97
31) Naphthalene	8.24	128	400336	43.022	ng		100
32) Benzoic acid	8.02	122	59562m	32.758	ng		
33) 4-Chloroaniline	8.29	127	165346	42.347	ng		99
34) Hexachlorobutadiene	8.34	225	91845	45.808	ng		100
35) Caprolactam	8.67	113	39348m	43.215	ng		
36) 4-Chloro-3-methylphenol	8.78	107	128564	43.728	ng		99
37) 2-Methylnaphthalene	8.93	142	283684	45.994	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	151960	42.611	ng	#	96
40) Hexachlorocyclopentadiene	9.07	237	69489	37.873	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	76508m	32.275	ng		
43) 2,4,5-Trichlorophenol	9.27	196	80389m	32.500	ng		
45) 1,1'-Biphenyl	9.40	154	359913	42.648	ng		98
46) 2-Chloronaphthalene	9.42	162	258898	38.974	ng		96
47) 2-Nitroaniline	9.53	65	85062	38.079	ng		95
48) Acenaphthylene	9.84	152	405381	38.653	ng		99
49) Dimethylphthalate	9.70	163	299567	37.718	ng		99
50) 2,6-Dinitrotoluene	9.77	165	70170	41.724	ng		91
51) Acenaphthene	10.01	154	261682	39.623	ng		98
52) 3-Nitroaniline	9.95	138	79149	40.898	ng		97
53) 2,4-Dinitrophenol	10.07	184	38615	46.559	ng	#	19
54) Dibenzofuran	10.19	168	368647	40.765	ng		95
55) 4-Nitrophenol	10.14	139	44649m	33.052	ng		
56) 2,4-Dinitrotoluene	10.18	165	86704	39.497	ng		94
57) Fluorene	10.53	166	312849	43.596	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	71324m	36.274	ng		
59) Diethylphthalate	10.40	149	295138	38.502	ng	#	93
60) 4-Chlorophenyl-phenylether	10.51	204	164654	43.852	ng	#	87
61) 4-Nitroaniline	10.57	138	74277	38.673	ng		94
62) Azobenzene	10.68	77	278265	36.863	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	50038	37.446	ng		78
65) n-Nitrosodiphenylamine	10.64	169	279462	38.434	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	107645	41.724	ng	#	80
67) Hexachlorobenzene	11.08	284	116478	43.136	ng	#	83
68) Atrazine	11.17	200	88022	38.080	ng		94
69) Pentachlorophenol	11.30	266	44646	33.137	ng		98
70) Phenanthrene	11.50	178	452413	43.390	ng		99
71) Anthracene	11.55	178	463588	43.560	ng		99
72) Carbazole	11.71	167	421573	42.310	ng		98
73) Di-n-butylphthalate	12.02	149	457856	39.005	ng		98
74) Fluoranthene	12.70	202	507842	44.190	ng		95
76) Benzidine	12.82	184	194592	37.673	ng		97
77) Pyrene	12.93	202	521762	43.626	ng		100
79) Butylbenzylphthalate	13.52	149	189769	38.592	ng	#	95
80) Benzo(a)anthracene	14.12	228	460546	41.664	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	156425	40.265	ng	#	97
82) Chrysene	14.16	228	428524	42.139	ng		100
83) Bis(2-ethylhexyl)phthalate	14.07	149	235613	37.479	ng		96
84) Di-n-octyl phthalate	14.69	149	396030	38.647	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	349569	40.506	ng	#	90
87) Benzo(b)fluoranthene	15.21	252	387804	42.156	ng	#	95
88) Benzo(k)fluoranthene	15.24	252	374500	42.749	ng	#	95
89) Benzo(a)pyrene	15.61	252	347195	42.455	ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	293731	42.381	ng	#	94
91) Benzo(g,h,i)perylene	17.75	276	293702	43.356	ng	#	88

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

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