Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107379.D
Acq On : 13 Jul 2018 21:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/16/2018 3:22:38 PM

Quant Time: Jul 13 23:47:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 11:54:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	38381	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	136838	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	66473	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	144626	20.00	ng		0.00
75) Chrysene-d12	14.14	240	129455	20.00	ng		0.00
86) Perylene-d12	15.67	264	94053	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	206508	91.11	ng		0.00
7) Phenol-d6	6.58	99	226991	80.19	ng		0.00
23) Nitrobenzene-d5	7.50	82	198402	80.58	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	66632	86.49	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	363610	94.18	ng		0.00
78) Terphenyl-d14	13.06	244	513658	96.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	48365	41.504	ng		97
3) Pyridine	3.53	79	115852	36.658	ng		95
4) n-Nitrosodimethylamine	3.49	42	51030	38.017	ng	#	86
6) Aniline	6.60	93	147559	38.431	ng	#	69
8) 2-Chlorophenol	6.72	128	100379	40.377	ng		98
9) Benzaldehyde	6.49	77	70084	35.361	ng		96
10) Phenol	6.59	94	125210	38.761	ng	#	70
11) bis(2-Chloroethyl)ether	6.66	93	103963	38.984	ng		100
12) 1,3-Dichlorobenzene	6.87	146	122488	42.067	ng		96
13) 1,4-Dichlorobenzene	6.95	146	123979	42.116	ng		98
14) 1,2-Dichlorobenzene	7.10	146	113024	41.894	ng		97
15) Benzyl Alcohol	7.08	79	80240	35.304	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	121961m	34.856	ng		
17) 2-Methylphenol	7.20	107	85705	40.284	ng	#	92
18) Hexachloroethane	7.44	117	31564	30.491	ng	#	81
19) n-Nitroso-di-n-propylamine	7.34	70	71675	38.415	ng		94
20) 3+4-Methylphenols	7.35	107	106455	46.911	ng	#	87
22) Acetophenone	7.34	105	139832	45.676	ng		98
24) Nitrobenzene	7.52	77	100166	39.845	ng		98
25) Isophorone	7.75	82	161751	37.279	ng		97
26) 2-Nitrophenol	7.84	139	32886	27.711	ng		93
27) 2,4-Dimethylphenol	7.87	122	75497	41.159	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	116323	39.929	ng		98
29) 2,4-Dichlorophenol	8.09	162	79344	41.317	ng		92
30) 1,2,4-Trichlorobenzene	8.15	180	95422	45.106	ng		97
31) Naphthalene	8.24	128	266314	41.627	ng		99
32) Benzoic acid	8.00	122	27542m	23.909	ng		
33) 4-Chloroaniline	8.29	127	108201	40.307	ng		99
34) Hexachlorobutadiene	8.34	225	64499	46.791	ng		98
35) Caprolactam	8.67	113	23853	38.105	ng		98
36) 4-Chloro-3-methylphenol	8.78	107	80478	39.815	ng		99
37) 2-Methylnaphthalene	8.93	142	184532	43.517	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	96796	43.239	ng	#	95
42) 2,4,6-Trichlorophenol	9.22	196	54139	36.383	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	55449	35.711	ng	#	86
45) 1,1'-Biphenyl	9.40	154	229070	43.241	ng		97
46) 2-Chloronaphthalene	9.42	162	162009	38.852	ng		96
47) 2-Nitroaniline	9.53	65	54831	39.103	ng		99
48) Acenaphthylene	9.84	152	259843	39.469	ng		99
49) Dimethylphthalate	9.69	163	189005	37.910	ng		98
50) 2,6-Dinitrotoluene	9.77	165	35441	33.571	ng		96
51) Acenaphthene	10.01	154	166515	40.166	ng		98
52) 3-Nitroaniline	9.95	138	54559	44.910	ng		96
54) Dibenzofuran	10.18	168	243100	42.824	ng		96
55) 4-Nitrophenol	10.14	139	27775	32.755	ng		97
56) 2,4-Dinitrotoluene	10.18	165	40729	29.557	ng	#	91
57) Fluorene	10.53	166	199606	44.311	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	46979	38.062	ng	#	75
59) Diethylphthalate	10.39	149	189621	39.407	ng	#	92
60) 4-Chlorophenyl-phenylether	10.51	204	105163	44.618	ng	#	87
61) 4-Nitroaniline	10.57	138	55010	45.626	ng		93
62) Azobenzene	10.68	77	170091	35.895	ng		91
65) n-Nitrosodiphenylamine	10.64	169	178859	36.768	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	69370	40.190	ng	#	80
67) Hexachlorobenzene	11.08	284	73693	40.793	ng	#	84
68) Atrazine	11.16	200	36828	23.815	ng		94
69) Pentachlorophenol	11.30	266	21005	23.303	ng		98
70) Phenanthrene	11.50	178	299119	42.881	ng		99
71) Anthracene	11.55	178	307434	43.179	ng		99
72) Carbazole	11.71	167	287380	43.111	ng		97
73) Di-n-butylphthalate	12.02	149	317150	40.384	ng		98
74) Fluoranthene	12.70	202	360802	46.927	ng		93
76) Benzidine	12.82	184	159224	43.187	ng		98
77) Pyrene	12.93	202	377800	44.256	ng		99
79) Butylbenzylphthalate	13.52	149	149042	42.464	ng	#	92
80) Benzo(a)anthracene	14.12	228	322850	40.919	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	117204	42.266	ng	#	97
82) Chrysene	14.16	228	296535	40.853	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	199005	44.349	ng		98
84) Di-n-octyl phthalate	14.69	149	330854	45.233	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	226557	36.779	ng	#	90
87) Benzo(b)fluoranthene	15.21	252	232649	39.820	ng	#	96
88) Benzo(k)fluoranthene	15.24	252	242327	43.554	ng	#	95
89) Benzo(a)pyrene	15.61	252	213190	41.046	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	192256	43.677	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	183850	42.732	ng	#	92

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

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