Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107097.D
Acq On : 3 Jul 2018 23:01
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/5/2018 1:04:46 PM

Quant Time: Jul 05 04:20:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	45193	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	161291	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	70661	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	151889	20.00	ng		0.00
75) Chrysene-d12	14.15	240	128906	20.00	ng		-0.02
86) Perylene-d12	15.68	264	94492	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	230853	86.50	ng		0.00
7) Phenol-d6	6.60	99	262223	78.68	ng		-0.01
23) Nitrobenzene-d5	7.52	82	230147	79.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	70225	85.75	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	395485	96.78	ng		-0.01
78) Terphenyl-d14	13.08	244	537553	101.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	55769	40.644	ng		98
3) Pyridine	3.57	79	149053	40.055	ng		95
4) n-Nitrosodimethylamine	3.53	42	58241	36.849	ng		90
6) Aniline	6.62	93	174751	38.652	ng		92
8) 2-Chlorophenol	6.75	128	117244	40.052	ng		98
9) Benzaldehyde	6.51	77	84178	36.334	ng		98
10) Phenol	6.62	94	145000	38.121	ng	#	49
11) bis(2-Chloroethyl)ether	6.69	93	121819	38.794	ng		98
12) 1,3-Dichlorobenzene	6.90	146	140657	41.026	ng		98
13) 1,4-Dichlorobenzene	6.97	146	140506	40.536	ng		98
14) 1,2-Dichlorobenzene	7.12	146	130702	41.144	ng		97
15) Benzyl Alcohol	7.10	79	93986	35.119	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	144630	35.105	ng	#	35
17) 2-Methylphenol	7.22	107	99420	39.687	ng	#	91
18) Hexachloroethane	7.46	117	24333	19.963	ng		96
19) n-Nitroso-di-n-propylamine	7.36	70	83996	38.233	ng		94
20) 3+4-Methylphenols	7.37	107	120257	44.265	ng	#	88
22) Acetophenone	7.37	105	161254	44.687	ng	#	98
24) Nitrobenzene	7.54	77	115892	39.111	ng		99
25) Isophorone	7.77	82	191040	37.354	ng		98
26) 2-Nitrophenol	7.85	139	21886	15.646	ng		98
27) 2,4-Dimethylphenol	7.90	122	88626	40.991	ng		96
28) bis(2-Chloroethoxy)methane	7.98	93	138098	40.217	ng		97
29) 2,4-Dichlorophenol	8.11	162	87008	38.439	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	107162	42.976	ng		97
31) Naphthalene	8.26	128	305236	40.478	ng		99
32) Benzoic acid	8.02	122	18188m	15.915	ng		
33) 4-Chloroaniline	8.31	127	121572	38.422	ng		99
34) Hexachlorobutadiene	8.37	225	73585	45.289	ng		98
35) Caprolactam	8.68	113	25191	34.141	ng		98
36) 4-Chloro-3-methylphenol	8.80	107	82922	34.804	ng		96
37) 2-Methylnaphthalene	8.95	142	200594	40.133	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	105687	44.413	ng	#	95
42) 2,4,6-Trichlorophenol	9.24	196	56759	35.883	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	59426	36.004	ng	#	89
45) 1,1'-Biphenyl	9.41	154	246742	43.816	ng		98
46) 2-Chloronaphthalene	9.45	162	172230	38.855	ng		93
47) 2-Nitroaniline	9.55	65	58976	39.566	ng		98
48) Acenaphthylene	9.86	152	269812	38.554	ng		99
49) Dimethylphthalate	9.71	163	205392	38.756	ng		99
50) 2,6-Dinitrotoluene	9.78	165	30133	26.851	ng	#	83
51) Acenaphthene	10.03	154	169942	38.563	ng		98
52) 3-Nitroaniline	9.96	138	58992	45.681	ng		98
54) Dibenzofuran	10.21	168	252531	41.848	ng		93
55) 4-Nitrophenol	10.15	139	18768	20.821	ng		98
56) 2,4-Dinitrotoluene	10.20	165	32226	22.000	ng	#	94
57) Fluorene	10.55	166	202950	42.383	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	50289	38.329	ng	#	78
59) Diethylphthalate	10.41	149	192584	37.650	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	105596	42.146	ng	#	82
61) 4-Nitroaniline	10.58	138	63254	49.355	ng		91
62) Azobenzene	10.70	77	168141	33.381	ng		94
65) n-Nitrosodiphenylamine	10.65	169	180820	35.394	ng		100
66) 4-Bromophenyl-phenylether	11.02	248	69413	38.292	ng	#	83
67) Hexachlorobenzene	11.10	284	75756	39.929	ng	#	84
68) Atrazine	11.18	200	58390	35.952	ng		95
69) Pentachlorophenol	11.31	266	13115	13.854	ng		98
70) Phenanthrene	11.52	178	311108	42.467	ng		99
71) Anthracene	11.57	178	318586	42.605	ng		100
72) Carbazole	11.73	167	295167	42.162	ng		98
73) Di-n-butylphthalate	12.04	149	312670	37.910	ng		99
74) Fluoranthene	12.71	202	376372	46.612	ng		96
76) Benzidine	12.84	184	192719	52.495	ng		98
77) Pyrene	12.95	202	385028	45.295	ng		99
79) Butylbenzylphthalate	13.54	149	148808	42.578	ng	#	97
80) Benzo(a)anthracene	14.14	228	303954	38.688	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	119757	43.371	ng	#	97
82) Chrysene	14.18	228	285982	39.567	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	194187	43.460	ng		98
84) Di-n-octyl phthalate	14.71	149	319532	43.872	ng		96
85) Indeno(1,2,3-cd)pyrene	17.28	276	227573	37.102	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	233257	39.739	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	217234	38.863	ng	#	96
89) Benzo(a)pyrene	15.62	252	204290	39.150	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	192210	43.464	ng	#	93
91) Benzo(g,h,i)perylene	17.76	276	187772	43.441	ng	#	90

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

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