Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107319.D
Acq On : 12 Jul 2018 00:14
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/12/2018 2:19:52 PM

Quant Time: Jul 12 04:04:45 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	53365	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	212795	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	105415	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	191519	20.00	ng		0.00
75) Chrysene-d12	14.14	240	145142	20.00	ng		0.00
86) Perylene-d12	15.68	264	130805	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	252349	80.07	ng		0.00
7) Phenol-d6	6.58	99	297489	75.59	ng		0.00
23) Nitrobenzene-d5	7.51	82	279882	73.09	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	82960	67.90	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	523192	83.80	ng		0.00
78) Terphenyl-d14	13.07	244	518053	86.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	57351	35.397	ng		98
3) Pyridine	3.53	79	161292	36.706	ng		98
4) n-Nitrosodimethylamine	3.50	42	63088	33.804	ng		87
6) Aniline	6.60	93	193660	36.275	ng	#	63
8) 2-Chlorophenol	6.73	128	132562	38.350	ng		96
9) Benzaldehyde	6.49	77	91105	32.331	ng		98
10) Phenol	6.60	94	165067	36.751	ng	#	45
11) bis(2-Chloroethyl)ether	6.67	93	137969	37.209	ng		99
12) 1,3-Dichlorobenzene	6.87	146	158805	39.226	ng		98
13) 1,4-Dichlorobenzene	6.95	146	159937	39.076	ng		99
14) 1,2-Dichlorobenzene	7.11	146	147679	39.370	ng		96
15) Benzyl Alcohol	7.08	79	110749	35.045	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	168975	34.733	ng	#	1
17) 2-Methylphenol	7.20	107	119738	40.478	ng	#	91
18) Hexachloroethane	7.44	117	38409	26.685	ng		93
19) n-Nitroso-di-n-propylamine	7.34	70	100577	38.769	ng		93
20) 3+4-Methylphenols	7.35	107	147296	46.588	ng		94
22) Acetophenone	7.34	105	192704	40.478	ng	#	98
24) Nitrobenzene	7.52	77	142554	36.465	ng		99
25) Isophorone	7.75	82	248215	36.787	ng		97
26) 2-Nitrophenol	7.84	139	55753	30.211	ng		98
27) 2,4-Dimethylphenol	7.88	122	110241	38.648	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	171496	37.855	ng		98
29) 2,4-Dichlorophenol	8.09	162	116049	38.860	ng		93
30) 1,2,4-Trichlorobenzene	8.16	180	135532	41.198	ng		98
31) Naphthalene	8.24	128	381536	38.350	ng		100
32) Benzoic acid	8.00	122	35021m	20.595	ng		
33) 4-Chloroaniline	8.30	127	159472	38.202	ng		99
34) Hexachlorobutadiene	8.34	225	91115	42.505	ng		99
35) Caprolactam	8.68	113	35666	36.639	ng		93
36) 4-Chloro-3-methylphenol	8.79	107	118930	37.836	ng		97
37) 2-Methylnaphthalene	8.94	142	271093	41.110	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	143656	40.466	ng	#	96
42) 2,4,6-Trichlorophenol	9.22	196	79415	33.654	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	77016	31.277	ng	#	90
45) 1,1'-Biphenyl	9.40	154	336994	40.113	ng		98
46) 2-Chloronaphthalene	9.43	162	237954	35.984	ng		95
47) 2-Nitroaniline	9.54	65	77991	35.073	ng		98
48) Acenaphthylene	9.85	152	370955	35.531	ng		99
49) Dimethylphthalate	9.70	163	283497	35.857	ng		98
50) 2,6-Dinitrotoluene	9.78	165	58302	34.824	ng	#	76
51) Acenaphthene	10.02	154	235987	35.895	ng		98
52) 3-Nitroaniline	9.95	138	73870	38.344	ng		100
53) 2,4-Dinitrophenol	10.08	184	2778	8.331	ng	#	24
54) Dibenzofuran	10.19	168	335788	37.300	ng		97
55) 4-Nitrophenol	10.14	139	15931	11.847	ng		96
56) 2,4-Dinitrotoluene	10.19	165	66623	30.487	ng	#	92
57) Fluorene	10.54	166	274123	38.373	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	53905	27.540	ng	#	78
59) Diethylphthalate	10.40	149	284306	37.257	ng	#	93
60) 4-Chlorophenyl-phenylether	10.52	204	152556	40.815	ng	#	85
61) 4-Nitroaniline	10.57	138	67577	35.344	ng		94
62) Azobenzene	10.68	77	242354	32.251	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	13934	11.770	ng		75
65) n-Nitrosodiphenylamine	10.64	169	244375	37.936	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	94728	41.444	ng	#	80
67) Hexachlorobenzene	11.09	284	96205	40.215	ng	#	85
68) Atrazine	11.17	200	69135	33.760	ng		95
69) Pentachlorophenol	11.30	266	6417	5.376	ng		93
70) Phenanthrene	11.51	178	366499	39.676	ng		99
71) Anthracene	11.56	178	369867	39.228	ng		99
72) Carbazole	11.72	167	320304	36.285	ng		98
73) Di-n-butylphthalate	12.02	149	402400	38.694	ng		99
74) Fluoranthene	12.71	202	369060	36.248	ng		94
76) Benzidine	12.82	184	146414	35.420	ng		98
77) Pyrene	12.94	202	369754	38.632	ng		99
79) Butylbenzylphthalate	13.53	149	138690	35.244	ng	#	94
80) Benzo(a)anthracene	14.13	228	324894	36.728	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	121802	39.177	ng	#	97
82) Chrysene	14.17	228	304759	37.448	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	171635	34.116	ng	#	96
84) Di-n-octyl phthalate	14.70	149	311505	37.985	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.28	276	279672	40.495	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	302582	37.238	ng	#	95
88) Benzo(k)fluoranthene	15.25	252	290436	37.534	ng	#	95
89) Benzo(a)pyrene	15.62	252	269940	37.370	ng	#	95
90) Dibenzo(a,h)anthracene	17.28	278	238750	39.000	ng	#	93
91) Benzo(g,h,i)perylene	17.77	276	222096	37.118	ng	#	91

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

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