Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110842.D
Acq On : 19 Nov 2018 10:11
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/20/2018 11:07:13 AM

Quant Time: Nov 19 10:40:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 08 14:14:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	66962	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	285673	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	136317	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	260260	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	197333	20.00	ng		0.00
87) Perylene-d12	15.66	264	137020	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	332568	80.67	ng		0.00
7) Phenol-d6	6.57	99	421002	79.86	ng		0.00
23) Nitrobenzene-d5	7.51	82	405672	81.78	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	110029	80.10	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	749457	78.52	ng		0.00
79) Terphenyl-d14	13.06	244	795792	75.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	78128	38.036	ng		90
3) Pyridine	3.55	79	164151	37.024	ng	#	85
4) n-Nitrosodimethylamine	3.52	42	79697	41.893	ng		86
6) Aniline	6.60	93	266563	38.774	ng	#	56
8) 2-Chlorophenol	6.73	128	197156	40.796	ng		99
9) Benzaldehyde	6.50	77	116433	41.534	ng		95
10) Phenol	6.58	94	245248	40.121	ng	#	68
11) bis(2-Chloroethyl)ether	6.67	93	177668	38.783	ng		96
12) 1,3-Dichlorobenzene	6.88	146	211304	39.961	ng		98
13) 1,4-Dichlorobenzene	6.96	146	217152	40.442	ng		99
14) 1,2-Dichlorobenzene	7.11	146	201377	40.315	ng		98
15) Benzyl Alcohol	7.09	79	167283	40.549	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	286344	39.803	ng		72
17) 2-Methylphenol	7.19	107	152938	39.764	ng	#	83
18) Hexachloroethane	7.45	117	80165	40.440	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	137177	40.765	ng		94
20) 3+4-Methylphenols	7.35	107	201399	40.791	ng	#	86
22) Acetophenone	7.35	105	270631	40.649	ng	#	93
24) Nitrobenzene	7.53	77	206176	40.567	ng		98
25) Isophorone	7.76	82	321826	39.584	ng		96
26) 2-Nitrophenol	7.85	139	103962	41.003	ng		92
27) 2,4-Dimethylphenol	7.87	122	155414	40.248	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	219427	39.861	ng		98
29) 2,4-Dichlorophenol	8.08	162	162500	40.899	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	181994	40.626	ng		95
31) Naphthalene	8.25	128	531633	39.642	ng		100
32) Benzoic acid	8.00	122	98851	36.182	ng		92
33) 4-Chloroaniline	8.30	127	238023	39.184	ng		98
34) Hexachlorobutadiene	8.35	225	102949	40.234	ng		98
35) Caprolactam	8.68	113	52485	39.538	ng		91
36) 4-Chloro-3-methylphenol	8.77	107	174847	40.804	ng		98
37) 2-Methylnaphthalene	8.94	142	351408	39.972	ng		99
38) 1-Methylnaphthalene	9.03	142	338452	40.031	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	174546	40.451	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	65559	42.885	ng		97
43) 2,4,6-Trichlorophenol	9.22	196	106470	39.266	ng		99
44) 2,4,5-Trichlorophenol	9.26	196	110243	38.115	ng		94
46) 1,1'-Biphenyl	9.40	154	506014	39.792	ng		100
47) 2-Chloronaphthalene	9.43	162	365497	39.895	ng		98
48) 2-Nitroaniline	9.53	65	117692	41.688	ng		96
49) Acenaphthylene	9.85	152	522645	39.613	ng		98
50) Dimethylphthalate	9.70	163	403018	39.622	ng		99
51) 2,6-Dinitrotoluene	9.77	165	90612	40.496	ng		88
52) Acenaphthene	10.02	154	330292	39.613	ng		98
53) 3-Nitroaniline	9.95	138	104396	40.271	ng		98
54) 2,4-Dinitrophenol	10.06	184	33100	39.654	ng		93
55) Dibenzofuran	10.19	168	479038	39.269	ng		97
56) 4-Nitrophenol	10.11	139	55600	32.329	ng		96
57) 2,4-Dinitrotoluene	10.19	165	118217	40.634	ng		95
58) Fluorene	10.53	166	373550	39.867	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	91931	40.403	ng		94
60) Diethylphthalate	10.39	149	405293	40.276	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	194602	40.112	ng		97
62) 4-Nitroaniline	10.57	138	103588	39.682	ng		96
63) Azobenzene	10.68	77	399462	40.687	ng		98
65) 4,6-Dinitro-2-methylphenol	10.60	198	46839	35.709	ng		91
66) n-Nitrosodiphenylamine	10.64	169	347946	39.663	ng		97
67) 4-Bromophenyl-phenylether	11.01	248	112578	39.139	ng	#	88
68) Hexachlorobenzene	11.09	284	117906	38.879	ng	#	93
69) Atrazine	11.16	200	103292	38.509	ng		99
70) Pentachlorophenol	11.29	266	52625	32.521	ng		95
71) Phenanthrene	11.50	178	542898	38.936	ng		99
72) Anthracene	11.56	178	559193	39.756	ng		99
73) Carbazole	11.71	167	541029	40.052	ng		100
74) Di-n-butylphthalate	12.02	149	630550	39.806	ng		98
75) Fluoranthene	12.70	202	555811	39.760	ng		99
77) Benzidine	12.82	184	178686m	32.927	ng		
78) Pyrene	12.93	202	568141	37.392	ng		99
80) Butylbenzylphthalate	13.52	149	255298	39.038	ng		96
81) Benzo(a)anthracene	14.12	228	465638	39.478	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	155835	39.440	ng		99
83) Chrysene	14.16	228	444692	39.574	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	330221	40.704	ng		97
85) Di-n-octyl phthalate	14.69	149	506951	42.494	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	292714	36.301	ng		99
88) Benzo(b)fluoranthene	15.20	252	342346	41.765	ng		100
89) Benzo(k)fluoranthene	15.23	252	349473	43.147	ng		99
90) Benzo(a)pyrene	15.59	252	303497	40.751	ng		99
91) Dibenzo(a,h)anthracene	17.24	278	242443	38.468	ng		100
92) Benzo(g,h,i)perylene	17.72	276	242212	38.734	ng		98

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

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