Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108012.D
Acq On : 8 Aug 2018 11:46
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:07 PM

Quant Time: Aug 08 12:16:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 11:29:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	270148	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	1082300	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	563442	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	1105373	20.00	ng	0.00
75) Chrysene-d12	14.22	240	792241	20.00	ng	0.00
86) Perylene-d12	15.78	264	661945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	2164147	130.67	ng	0.00
7) Phenol-d6	6.64	99	2905565	130.03	ng	0.01
23) Nitrobenzene-d5	7.59	82	2905321	140.45	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	876608	137.92	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.15	244	4242420	119.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.92	88	591449	73.199	ng	# 87
3) Pyridine	3.69	79	1551241	70.573	ng	# 81
4) n-Nitrosodimethylamine	3.67	42	892947	80.648	ng	# 78
6) Aniline	6.69	93	2088645	71.546	ng	93
8) 2-Chlorophenol	6.81	128	1228040	65.492	ng	91
9) Benzaldehyde	6.58	77	1131125	80.223	ng	96
10) Phenol	6.65	94	1525073	66.414	ng	81
11) bis(2-Chloroethyl)ether	6.75	93	1228323	65.114	ng	87
12) 1,3-Dichlorobenzene	6.96	146	1413573m	64.788	ng	
13) 1,4-Dichlorobenzene	7.04	146	1421377	64.822	ng	98
14) 1,2-Dichlorobenzene	7.20	146	1278742	62.382	ng	97
15) Benzyl Alcohol	7.16	79	1287166	69.289	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.29	45	2493076	65.483	ng	97
17) 2-Methylphenol	7.26	107	1108711	69.588	ng	95
18) Hexachloroethane	7.54	117	533163	69.448	ng	92
19) n-Nitroso-di-n-propylamine	7.44	70	1025653	66.103	ng	90
20) 3+4-Methylphenols	7.42	107	1360744	65.179	ng	# 85
22) Acetophenone	7.44	105	1797712	65.983	ng	# 91
24) Nitrobenzene	7.61	77	1473182	67.560	ng	93
25) Isophorone	7.85	82	2837077	78.151	ng	97
26) 2-Nitrophenol	7.92	139	608636	71.171	ng	# 85
27) 2,4-Dimethylphenol	7.95	122	1223511	75.392	ng	98
28) bis(2-Chloroethoxy)methane	8.05	93	1563113	67.787	ng	97
29) 2,4-Dichlorophenol	8.15	162	1140265	67.789	ng	96
30) 1,2,4-Trichlorobenzene	8.24	180	1204985	64.401	ng	97
31) Naphthalene	8.33	128	3224379	62.255	ng	# 92
32) Benzoic acid	8.09	122	807977	76.200	ng	91
33) 4-Chloroaniline	8.37	127	1457412	61.932	ng	# 92
34) Hexachlorobutadiene	8.44	225	774738	64.516	ng	99
35) Caprolactam	8.78	113	360419	65.297	ng	# 79
36) 4-Chloro-3-methylphenol	8.85	107	1234766	68.006	ng	97
37) 2-Methylnaphthalene	9.02	142	2384850	67.758	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	1235085	64.466	ng	98
40) Hexachlorocyclopentadiene	9.17	237	899447	81.922	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	850995	66.766	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	903549	69.064	ng		96
45) 1,1'-Biphenyl	9.49	154	2758124	58.602	ng		93
46) 2-Chloronaphthalene	9.51	162	2294422	61.776	ng		95
47) 2-Nitroaniline	9.61	65	865035	71.397	ng	#	82
48) Acenaphthylene	9.94	152	3435007	62.717	ng	#	89
49) Dimethylphthalate	9.79	163	2772102	64.594	ng	#	96
50) 2,6-Dinitrotoluene	9.85	165	628068	68.187	ng		89
51) Acenaphthene	10.11	154	2269482	65.047	ng		96
52) 3-Nitroaniline	10.02	138	696472	67.293	ng		90
53) 2,4-Dinitrophenol	10.12	184	247773	88.023	ng	#	22
54) Dibenzofuran	10.28	168	3021002	59.099	ng	#	85
55) 4-Nitrophenol	10.17	139	537976	70.749	ng		81
56) 2,4-Dinitrotoluene	10.26	165	846966	72.927	ng	#	94
57) Fluorene	10.62	166	2442467	63.667	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	782753	71.512	ng		88
59) Diethylphthalate	10.49	149	2615018	61.538	ng	#	91
60) 4-Chlorophenyl-phenylether	10.61	204	1297685	59.483	ng		91
61) 4-Nitroaniline	10.65	138	684530	68.957	ng		85
62) Azobenzene	10.77	77	2688046	61.645	ng		87
64) 4,6-Dinitro-2-methylphenol	10.67	198	345894	73.373	ng		84
65) n-Nitrosodiphenylamine	10.73	169	2321985	63.113	ng		98
66) 4-Bromophenyl-phenylether	11.11	248	873233	64.754	ng	#	84
67) Hexachlorobenzene	11.17	284	927280	64.608	ng	#	88
68) Atrazine	11.26	200	809887	68.685	ng		96
69) Pentachlorophenol	11.36	266	505060	58.105	ng		97
70) Phenanthrene	11.60	178	3360344	61.184	ng	#	89
71) Anthracene	11.65	178	3399794	59.856	ng	#	88
72) Carbazole	11.80	167	3165924	58.299	ng	#	92
73) Di-n-butylphthalate	12.11	149	3522499	56.133	ng	#	92
74) Fluoranthene	12.79	202	3631632	58.766	ng		93
76) Benzidine	12.91	184	2231468	75.192	ng	#	88
77) Pyrene	13.02	202	3657727	67.134	ng	#	89
79) Butylbenzylphthalate	13.62	149	1660050	72.606	ng	#	92
80) Benzo(a)anthracene	14.21	228	3252345	68.213	ng	#	91
81) 3,3'-Dichlorobenzidine	14.17	252	1177072	63.824	ng	#	95
82) Chrysene	14.25	228	2861238	64.330	ng		90
83) Bis(2-ethylhexyl)phthalate	14.18	149	2056671	66.661	ng	#	95
84) Di-n-octyl phthalate	14.81	149	3155785	67.334	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.41	276	2917145	77.648	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	2998977	75.987	ng		95
88) Benzo(k)fluoranthene	15.35	252	2546600	66.349	ng	#	95
89) Benzo(a)pyrene	15.72	252	2694607	74.901	ng		96
90) Dibenzo(a,h)anthracene	17.44	278	2398494	79.575	ng	#	93
91) Benzo(g,h,i)perylene	17.92	276	2447148	83.839	ng	#	90

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

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