Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093019\
Data File : BF117264.D
Acq On : 30 Sep 2019 16:47
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/2/2019 8:32:24 AM

Quant Time: Oct 01 01:44:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	46133	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	206188	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	104572	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	162082	20.00	ng		0.00
76) Chrysene-d12	13.98	240	102793	20.00	ng		0.00
87) Perylene-d12	15.43	264	80309	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	222456	75.28	ng		0.00
7) Phenol-d6	6.46	99	308567	80.80	ng		0.00
23) Nitrobenzene-d5	7.38	82	303501	77.34	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	66121	75.65	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	545489	81.56	ng		0.00
79) Terphenyl-d14	12.92	244	489408	89.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	43730	35.367	ng		99
3) Pyridine	3.29	79	119686	35.365	ng		94
4) n-Nitrosodimethylamine	3.24	42	48143	41.452	ng		92
6) Aniline	6.48	93	193877	39.432	ng	#	90
8) 2-Chlorophenol	6.60	128	126562	39.703	ng		98
9) Benzaldehyde	6.37	77	82389	44.161	ng		97
10) Phenol	6.47	94	166406	39.528	ng		77
11) bis(2-Chloroethyl)ether	6.55	93	121724	39.341	ng		97
12) 1,3-Dichlorobenzene	6.76	146	139090	38.884	ng		98
13) 1,4-Dichlorobenzene	6.83	146	141943	38.884	ng		98
14) 1,2-Dichlorobenzene	6.99	146	137932	40.584	ng		97
15) Benzyl Alcohol	6.96	79	122086	41.690	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	120720	39.491	ng		63
17) 2-Methylphenol	7.07	107	108404	40.576	ng		95
18) Hexachloroethane	7.32	117	56648	40.338	ng		100
19) n-Nitroso-di-n-propylamine	7.23	70	99134	42.632	ng		95
20) 3+4-Methylphenols	7.23	107	141979	42.665	ng	#	80
22) Acetophenone	7.23	105	206690	39.455	ng		98
24) Nitrobenzene	7.40	77	147694	38.112	ng		98
25) Isophorone	7.64	82	262213	37.739	ng		99
26) 2-Nitrophenol	7.72	139	64657	38.843	ng		95
27) 2,4-Dimethylphenol	7.76	122	98762	37.414	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	159621	37.287	ng		99
29) 2,4-Dichlorophenol	7.96	162	102550	37.076	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	112792	37.746	ng		100
31) Naphthalene	8.12	128	380192	38.340	ng		98
32) Benzoic acid	7.91	122	59178	32.205	ng		97
33) 4-Chloroaniline	8.17	127	166228	37.794	ng		98
34) Hexachlorobutadiene	8.23	225	65981	38.919	ng		96
35) Caprolactam	8.55	113	32685m	34.913	ng		
36) 4-Chloro-3-methylphenol	8.66	107	119365	37.011	ng		99
37) 2-Methylnaphthalene	8.81	142	256879	38.469	ng		99
38) 1-Methylnaphthalene	8.91	142	240251	38.415	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	106032	39.266	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	39571	37.747	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	68186	37.209	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	69534	35.515	ng		99
46) 1,1'-Biphenyl	9.27	154	319453	38.945	ng		97
47) 2-Chloronaphthalene	9.30	162	246508	38.079	ng		99
48) 2-Nitroaniline	9.40	65	80897	38.960	ng		93
49) Acenaphthylene	9.71	152	364701	37.606	ng		98
50) Dimethylphthalate	9.57	163	274993	37.140	ng		99
51) 2,6-Dinitrotoluene	9.64	165	56918	37.744	ng	#	89
52) Acenaphthene	9.89	154	218959	38.088	ng		99
53) 3-Nitroaniline	9.81	138	70936	37.283	ng		93
54) 2,4-Dinitrophenol	9.93	184	17699	33.233	ng		90
55) Dibenzofuran	10.06	168	318720	37.577	ng		99
56) 4-Nitrophenol	9.99	139	41576	33.716	ng		94
57) 2,4-Dinitrotoluene	10.05	165	77078	39.376	ng	#	91
58) Fluorene	10.40	166	265142	38.807	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	53168	35.486	ng		99
60) Diethylphthalate	10.27	149	272171	37.363	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	115375	39.029	ng		98
62) 4-Nitroaniline	10.43	138	72203	36.491	ng		91
63) Azobenzene	10.55	77	280918	37.759	ng		95
65) 4,6-Dinitro-2-methylphenol	10.46	198	29505	41.109	ng		91
66) n-Nitrosodiphenylamine	10.51	169	220499	39.391	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	66233	40.014	ng		95
68) Hexachlorobenzene	10.95	284	70821	39.118	ng		94
69) Atrazine	11.03	200	48594	32.307	ng		97
70) Pentachlorophenol	11.15	266	35287	41.581	ng		100
71) Phenanthrene	11.36	178	359705	39.072	ng		99
72) Anthracene	11.42	178	368533	39.210	ng		100
73) Carbazole	11.57	167	337775	37.861	ng		99
74) Di-n-butylphthalate	11.89	149	416659	39.254	ng		99
75) Fluoranthene	12.55	202	351810	37.192	ng		97
77) Benzidine	12.67	184	132905	40.138	ng		98
78) Pyrene	12.78	202	354885	41.146	ng		98
80) Butylbenzylphthalate	13.39	149	157173	38.565	ng		96
81) Benzo(a)anthracene	13.97	228	261665	38.101	ng		97
82) 3,3'-Dichlorobenzidine	13.92	252	79819	36.067	ng		99
83) Chrysene	14.00	228	252799	37.741	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	187546	35.691	ng		99
85) Di-n-octyl phthalate	14.55	149	265778	32.135	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	181769	37.196	ng		97
88) Benzo(b)fluoranthene	15.01	252	194930	40.071	ng		97
89) Benzo(k)fluoranthene	15.04	252	172487	37.431	ng		99
90) Benzo(a)pyrene	15.37	252	169661	39.745	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	152249	44.771	ng		97
92) Benzo(g,h,i)perylene	17.33	276	147180	43.432	ng		96

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

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