Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
Data File : BF114573.D
Acq On : 24 May 2019 16:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/27/2019 3:48:12 AM

Quant Time: May 24 22:56:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	154206	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	625626	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	298346	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	584949	20.00	ng		0.00
76) Chrysene-d12	13.99	240	343997	20.00	ng		0.00
87) Perylene-d12	15.46	264	273383	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	769721	80.33	ng		0.00
7) Phenol-d6	6.46	99	933510	82.37	ng		0.00
23) Nitrobenzene-d5	7.38	82	891727	79.99	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	236779	76.77	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1577643	79.99	ng		0.00
79) Terphenyl-d14	12.92	244	1558004	93.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	173924	33.021	ng		99
3) Pyridine	3.29	79	478725	32.989	ng		99
4) n-Nitrosodimethylamine	3.25	42	239373	34.206	ng		97
6) Aniline	6.48	93	652639	39.865	ng	#	69
8) 2-Chlorophenol	6.61	128	427682	41.808	ng		93
9) Benzaldehyde	6.37	77	274020	34.536	ng		98
10) Phenol	6.47	94	543626	40.775	ng		81
11) bis(2-Chloroethyl)ether	6.55	93	420920	41.586	ng		98
12) 1,3-Dichlorobenzene	6.76	146	477430	41.577	ng		99
13) 1,4-Dichlorobenzene	6.83	146	484291	41.853	ng		97
14) 1,2-Dichlorobenzene	6.99	146	451311	42.691	ng		100
15) Benzyl Alcohol	6.96	79	351703	39.788	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	781461	39.819	ng		80
17) 2-Methylphenol	7.08	107	337188	40.126	ng	#	92
18) Hexachloroethane	7.32	117	180395	41.533	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	297254	41.379	ng		98
20) 3+4-Methylphenols	7.23	107	432304	44.526	ng	#	80
22) Acetophenone	7.23	105	569877	41.118	ng	#	92
24) Nitrobenzene	7.40	77	460288	40.539	ng		98
25) Isophorone	7.64	82	823579	39.834	ng		99
26) 2-Nitrophenol	7.72	139	229488	41.659	ng		97
27) 2,4-Dimethylphenol	7.76	122	330670	38.219	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	541816	40.389	ng		99
29) 2,4-Dichlorophenol	7.97	162	358464	41.608	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	396778	40.502	ng		99
31) Naphthalene	8.12	128	1220781	41.773	ng		99
32) Benzoic acid	7.91	122	221262	37.641	ng		97
33) 4-Chloroaniline	8.17	127	561684	42.177	ng		99
34) Hexachlorobutadiene	8.23	225	230215	41.301	ng		98
35) Caprolactam	8.55	113	119733	42.622	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	367428	42.370	ng		98
37) 2-Methylnaphthalene	8.81	142	816704	43.315	ng		96
38) 1-Methylnaphthalene	8.91	142	761755	42.901	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	375531	41.552	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	147463	37.454	ng		97
43) 2,4,6-Trichlorophenol	9.10	196	242184	38.960	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	238192	37.363	ng		95
46) 1,1'-Biphenyl	9.27	154	991589	41.141	ng		98
47) 2-Chloronaphthalene	9.30	162	790970	40.777	ng		99
48) 2-Nitroaniline	9.40	65	274028	39.834	ng		94
49) Acenaphthylene	9.72	152	1207807	40.940	ng		98
50) Dimethylphthalate	9.57	163	893226	40.784	ng		99
51) 2,6-Dinitrotoluene	9.65	165	196779	40.509	ng		84
52) Acenaphthene	9.89	154	722713	39.921	ng		99
53) 3-Nitroaniline	9.82	138	243398	40.364	ng		99
54) 2,4-Dinitrophenol	9.94	184	84822	38.543	ng		94
55) Dibenzofuran	10.06	168	1030424	38.816	ng		99
56) 4-Nitrophenol	10.00	139	141145m	33.098	ng		
57) 2,4-Dinitrotoluene	10.06	165	243452	36.924	ng	#	81
58) Fluorene	10.40	166	856466	41.769	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	206293	37.503	ng		98
60) Diethylphthalate	10.27	149	901973	40.532	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	420952	41.799	ng		97
62) 4-Nitroaniline	10.43	138	231669	36.561	ng		97
63) Azobenzene	10.55	77	853311	39.615	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	113331	40.320	ng		100
66) n-Nitrosodiphenylamine	10.51	169	746652	42.057	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	266080	41.313	ng		97
68) Hexachlorobenzene	10.96	284	282940	39.711	ng		98
69) Atrazine	11.04	200	226142	40.933	ng		97
70) Pentachlorophenol	11.16	266	118292	35.023	ng		95
71) Phenanthrene	11.36	178	1197694	42.086	ng		98
72) Anthracene	11.42	178	1206486	42.208	ng		99
73) Carbazole	11.57	167	1127098	41.350	ng		98
74) Di-n-butylphthalate	11.89	149	1397346	44.497	ng		100
75) Fluoranthene	12.55	202	1244829	40.619	ng		98
77) Benzidine	12.67	184	734592	47.573	ng		96
78) Pyrene	12.79	202	1261805	45.597	ng		98
80) Butylbenzylphthalate	13.39	149	537185	46.119	ng		98
81) Benzo(a)anthracene	13.97	228	944964	42.471	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	347504	40.261	ng	#	98
83) Chrysene	14.01	228	910871	41.762	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	686564	45.069	ng		99
85) Di-n-octyl phthalate	14.57	149	987474	39.987	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	751509	38.987	ng		99
88) Benzo(b)fluoranthene	15.03	252	733801	41.897	ng		100
89) Benzo(k)fluoranthene	15.06	252	731023	45.437	ng		99
90) Benzo(a)pyrene	15.40	252	661837	42.937	ng		98
91) Dibenzo(a,h)anthracene	16.94	278	616883m	48.162	ng		
92) Benzo(g,h,i)perylene	17.38	276	645692m	50.303	ng		

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

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