Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
Data File : BF112937.D
Acq On : 8 Mar 2019 11:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/11/2019 9:32:13 AM

Quant Time: Mar 08 23:19:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	234105	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	930266	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	433762	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	869334	20.00	ng		0.00
76) Chrysene-d12	13.87	240	559050	20.00	ng		0.00
87) Perylene-d12	15.27	264	490177	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1104943	73.42	ng		0.00
7) Phenol-d6	6.37	99	1408787	74.52	ng		0.00
23) Nitrobenzene-d5	7.30	82	1280096	82.34	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	421274	91.48	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2131281	80.20	ng		0.00
79) Terphenyl-d14	12.82	244	2191565	75.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	276730	36.682	ng		97
3) Pyridine	3.15	79	737762	36.554	ng		99
4) n-Nitrosodimethylamine	3.09	42	312209	35.362	ng		97
6) Aniline	6.40	93	926680	35.611	ng		98
8) 2-Chlorophenol	6.52	128	640067	38.206	ng		94
9) Benzaldehyde	6.27	77	455409	33.432	ng		98
10) Phenol	6.39	94	795070	36.040	ng		84
11) bis(2-Chloroethyl)ether	6.47	93	610934	36.080	ng		98
12) 1,3-Dichlorobenzene	6.67	146	669298	38.674	ng		98
13) 1,4-Dichlorobenzene	6.75	146	678562	39.097	ng		99
14) 1,2-Dichlorobenzene	6.90	146	620158	38.978	ng		99
15) Benzyl Alcohol	6.87	79	541277	37.548	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	989412	35.014	ng		98
17) 2-Methylphenol	6.99	107	519756	38.243	ng		98
18) Hexachloroethane	7.25	117	253172	38.081	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	423748	35.391	ng		96
20) 3+4-Methylphenols	7.15	107	582432	37.958	ng	#	87
22) Acetophenone	7.15	105	854861	39.300	ng		97
24) Nitrobenzene	7.32	77	684284	39.547	ng		98
25) Isophorone	7.56	82	1220001	36.426	ng		99
26) 2-Nitrophenol	7.63	139	357348	49.611	ng		97
27) 2,4-Dimethylphenol	7.67	122	502044	37.465	ng		100
28) bis(2-Chloroethoxy)methane	7.77	93	766830	36.620	ng		99
29) 2,4-Dichlorophenol	7.87	162	536510	41.286	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	571651	40.941	ng		99
31) Naphthalene	8.04	128	1754918	37.997	ng		99
32) Benzoic acid	7.80	122	324771	34.579	ng		92
33) 4-Chloroaniline	8.09	127	769795	39.352	ng		99
34) Hexachlorobutadiene	8.16	225	336466	42.728	ng		99
35) Caprolactam	8.46	113	189073m	41.310	ng		
36) 4-Chloro-3-methylphenol	8.57	107	566176	39.369	ng		95
37) 2-Methylnaphthalene	8.73	142	1157057	38.793	ng		99
38) 1-Methylnaphthalene	8.83	142	1102674	38.165	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	533914	42.210	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	279671	40.377	ng		99
43) 2,4,6-Trichlorophenol	9.00	196	366975	42.155	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	404037	42.940	ng		99
46) 1,1'-Biphenyl	9.19	154	1400891	39.596	ng		99
47) 2-Chloronaphthalene	9.22	162	1075063	38.915	ng		98
48) 2-Nitroaniline	9.31	65	367381	43.751	ng		91
49) Acenaphthylene	9.63	152	1763550	37.603	ng		100
50) Dimethylphthalate	9.50	163	1248991	39.051	ng		99
51) 2,6-Dinitrotoluene	9.55	165	290808	43.663	ng		84
52) Acenaphthene	9.80	154	1070866	39.045	ng		99
53) 3-Nitroaniline	9.72	138	347566	42.827	ng		93
54) 2,4-Dinitrophenol	9.82	184	142073	54.396	ng		94
55) Dibenzofuran	9.97	168	1501053	37.657	ng		99
56) 4-Nitrophenol	9.88	139	278113	42.166	ng		95
57) 2,4-Dinitrotoluene	9.95	165	385834	46.605	ng		90
58) Fluorene	10.31	166	1095689	38.728	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	335327	42.774	ng		94
60) Diethylphthalate	10.19	149	1213211	35.916	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	533569	40.535	ng		94
62) 4-Nitroaniline	10.33	138	343530	45.809	ng		97
63) Azobenzene	10.46	77	1199682	34.674	ng		96
65) 4,6-Dinitro-2-methylphenol	10.36	198	177504	49.531	ng	#	77
66) n-Nitrosodiphenylamine	10.42	169	1033037	37.052	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	367829	40.171	ng		93
68) Hexachlorobenzene	10.86	284	433181	41.967	ng	#	89
69) Atrazine	10.95	200	329001	38.530	ng		98
70) Pentachlorophenol	11.05	266	270797	44.574	ng		97
71) Phenanthrene	11.27	178	1663590	38.462	ng		100
72) Anthracene	11.32	178	1700640	37.561	ng		100
73) Carbazole	11.47	167	1650369	37.366	ng		99
74) Di-n-butylphthalate	11.81	149	1871061	35.330	ng		100
75) Fluoranthene	12.45	202	1773602	38.273	ng		97
77) Benzidine	12.57	184	972603	33.533	ng		99
78) Pyrene	12.67	202	1788454	37.948	ng		99
80) Butylbenzylphthalate	13.30	149	765697	36.807	ng		91
81) Benzo(a)anthracene	13.86	228	1336189	34.486	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	537198	36.659	ng		99
83) Chrysene	13.90	228	1378039	36.309	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	844242	34.599	ng		100
85) Di-n-octyl phthalate	14.46	149	1450839	34.626	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1311989	40.549	ng		95
88) Benzo(b)fluoranthene	14.87	252	1218940m	38.445	ng		
89) Benzo(k)fluoranthene	14.90	252	1019691	35.505	ng		98
90) Benzo(a)pyrene	15.21	252	1055963	37.653	ng		98
91) Dibenzo(a,h)anthracene	16.64	278	1063431	44.438	ng		97
92) Benzo(g,h,i)perylene	17.04	276	1110368	46.208	ng		96

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

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