Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
Data File : BF118118.D
Acq On : 6 Dec 2019 16:50
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
12/9/2019 3:09:54 PM

Quant Time: Dec 06 17:37:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 15:39:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146233	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	516366	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	265886	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	494904	20.00	ng		0.00
76) Chrysene-d12	14.07	240	296588	20.00	ng		0.00
87) Perylene-d12	15.56	264	266286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1491498	180.54	ng		0.00
7) Phenol-d6	6.52	99	1809031	181.55	ng		0.02
23) Nitrobenzene-d5	7.45	82	1767000	203.42	ng		0.01
42) 2,4,6-Tribromophenol	10.73	330	617062	219.21	ng		0.01
45) 2-Fluorobiphenyl	9.25	172	3133933	211.46	ng		0.00
79) Terphenyl-d14	13.01	244	3411799	210.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	328352	85.030	ng		99
3) Pyridine	3.39	79	836637	82.593	ng		97
4) n-Nitrosodimethylamine	3.37	42	380449	86.039	ng		97
6) Aniline	6.55	93	1143228	86.822	ng		99
8) 2-Chlorophenol	6.66	128	832332	92.851	ng		95
9) Benzaldehyde	6.42	77	338992	54.462	ng		98
10) Phenol	6.53	94	1039515	100.393	ng		85
11) bis(2-Chloroethyl)ether	6.62	93	774605	93.157	ng		97
12) 1,3-Dichlorobenzene	6.82	146	982264	93.074	ng		98
13) 1,4-Dichlorobenzene	6.89	146	975545	91.450	ng		99
14) 1,2-Dichlorobenzene	7.05	146	906324	88.835	ng		97
15) Benzyl Alcohol	7.03	79	704827	91.619	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	890805	69.583	ng		94
17) 2-Methylphenol	7.13	107	686306	90.407	ng		98
18) Hexachloroethane	7.39	117	369010	94.165	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	558354	90.830	ng		100
20) 3+4-Methylphenols	7.29	107	807679	85.710	ng	#	90
22) Acetophenone	7.30	105	1152962	99.383	ng		97
24) Nitrobenzene	7.47	77	866045	96.645	ng		100
25) Isophorone	7.71	82	1513725	95.079	ng		100
26) 2-Nitrophenol	7.78	139	473001	108.446	ng		97
27) 2,4-Dimethylphenol	7.82	122	624995	92.217	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	966270	95.643	ng		99
29) 2,4-Dichlorophenol	8.03	162	706561	96.110	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	829116	97.230	ng		99
31) Naphthalene	8.19	128	2380465	98.888	ng		98
32) Benzoic acid	7.99	122	612130	107.868	ng		98
33) 4-Chloroaniline	8.25	127	1077521	99.985	ng		99
34) Hexachlorobutadiene	8.30	225	495629	99.411	ng		99
35) Caprolactam	8.65	113	211636m	90.580	ng		
36) 4-Chloro-3-methylphenol	8.73	107	745214	99.883	ng		99
37) 2-Methylnaphthalene	8.88	142	1604222	98.631	ng		99
38) 1-Methylnaphthalene	8.98	142	1498906	97.478	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	766456	99.261	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	405914	93.805	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	515399	93.189	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	532027	92.650	ng		99
46) 1,1'-Biphenyl	9.35	154	1937549	98.222	ng		98
47) 2-Chloronaphthalene	9.37	162	1582574	97.522	ng		94
48) 2-Nitroaniline	9.47	65	469265	95.783	ng		95
49) Acenaphthylene	9.79	152	2249226	95.067	ng		99
50) Dimethylphthalate	9.66	163	1891774	101.463	ng		99
51) 2,6-Dinitrotoluene	9.72	165	417864	102.545	ng		94
52) Acenaphthene	9.96	154	1415615	93.402	ng		99
53) 3-Nitroaniline	9.89	138	479751	98.391	ng		99
54) 2,4-Dinitrophenol	10.00	184	243134	134.403	ng	#	87
55) Dibenzofuran	10.13	168	2004267	95.498	ng		97
56) 4-Nitrophenol	10.05	139	350708	96.359	ng		98
57) 2,4-Dinitrotoluene	10.13	165	539395	104.058	ng		95
58) Fluorene	10.48	166	1599255	98.332	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	425073	90.092	ng		99
60) Diethylphthalate	10.35	149	1828783	100.606	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	800284	96.961	ng		95
62) 4-Nitroaniline	10.52	138	504711	103.380	ng		99
63) Azobenzene	10.63	77	1548798	93.654	ng		94
65) 4,6-Dinitro-2-methylphenol	10.54	198	290901	125.910	ng		99
66) n-Nitrosodiphenylamine	10.59	169	1442422	100.146	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	535958	100.368	ng		97
68) Hexachlorobenzene	11.03	284	634696	101.932	ng	#	92
69) Atrazine	11.12	200	229514	48.442	ng		99
70) Pentachlorophenol	11.22	266	302812	83.240	ng		97
71) Phenanthrene	11.45	178	2398069	96.377	ng		98
72) Anthracene	11.50	178	2385842	96.710	ng		97
73) Carbazole	11.65	167	2156477	100.031	ng		98
74) Di-n-butylphthalate	11.97	149	2657425	99.004	ng		98
75) Fluoranthene	12.64	202	2384342	99.055	ng		96
78) Pyrene	12.87	202	2401425	100.189	ng		99
80) Butylbenzylphthalate	13.48	149	1078328	104.747	ng		100
81) Benzo(a)anthracene	14.06	228	1931643	98.558	ng		99
83) Chrysene	14.10	228	1841119	96.945	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1372909	110.002	ng	#	97
85) Di-n-octyl phthalate	14.66	149	1923445	104.904	ng		99
86) Indeno(1,2,3-cd)pyrene	17.08	276	1794883	111.045	ng		99
88) Benzo(b)fluoranthene	15.12	252	1724868	99.699	ng		100
89) Benzo(k)fluoranthene	15.16	252	1524641	93.529	ng	#	98
90) Benzo(a)pyrene	15.50	252	1502670	98.774	ng		98
91) Dibenzo(a,h)anthracene	17.10	278	1443795	110.261	ng		99
92) Benzo(g,h,i)perylene	17.54	276	1454108	111.492	ng		98

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

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