Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115843.D
Acq On : 30 Jul 2019 15:08
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:51 PM

Quant Time: Jul 30 15:51:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:48:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	138782	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	551816	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	291650	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	513281	20.00	ng	0.00
76) Chrysene-d12	14.03	240	337772	20.00	ng	0.00
87) Perylene-d12	15.49	264	303138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1217645	140.46	ng	0.00
7) Phenol-d6	6.50	99	1544955	138.76	ng	0.01
23) Nitrobenzene-d5	7.43	82	1452774	145.77	ng	0.01
42) 2,4,6-Tribromophenol	10.69	330	427004	135.69	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2117561	127.29	ng	0.00
79) Terphenyl-d14	12.97	244	2355465	142.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	328903	73.770	ng	100
3) Pyridine	3.37	79	932928	78.825	ng	98
4) n-Nitrosodimethylamine	3.34	42	370434	72.006	ng	99
6) Aniline	6.53	93	1123883	73.129	ng	99
8) 2-Chlorophenol	6.65	128	690121	70.723	ng	98
9) Benzaldehyde	6.41	77	470482	75.839	ng	99
10) Phenol	6.51	94	908392	70.295	ng	83
11) bis(2-Chloroethyl)ether	6.60	93	700213	72.209	ng	96
12) 1,3-Dichlorobenzene	6.80	146	783603	71.747	ng	98
13) 1,4-Dichlorobenzene	6.87	146	782827	72.410	ng	99
14) 1,2-Dichlorobenzene	7.03	146	700823	71.424	ng	100
15) Benzyl Alcohol	7.00	79	586722	71.053	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	925898	72.647	ng	98
17) 2-Methylphenol	7.12	107	593481	70.836	ng	99
18) Hexachloroethane	7.37	117	295367	73.174	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	486557	69.195	ng	99
20) 3+4-Methylphenols	7.27	107	638831	67.300	ng	89
22) Acetophenone	7.27	105	870178	69.608	ng	96
24) Nitrobenzene	7.45	77	775402	71.817	ng	95
25) Isophorone	7.69	82	1441044	73.122	ng	99
26) 2-Nitrophenol	7.76	139	388186	72.627	ng	97
27) 2,4-Dimethylphenol	7.79	122	563147	72.906	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	869929	73.973	ng	99
29) 2,4-Dichlorophenol	8.00	162	591898	73.325	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	671174	74.238	ng	97
31) Naphthalene	8.16	128	1878558	70.435	ng	98
32) Benzoic acid	7.96	122	463217	76.670	ng	99
33) 4-Chloroaniline	8.21	127	872434	71.015	ng	99
34) Hexachlorobutadiene	8.28	225	381377	73.847	ng	99
35) Caprolactam	8.62	113	196715m	72.595	ng	
36) 4-Chloro-3-methylphenol	8.70	107	617972	71.702	ng	96
37) 2-Methylnaphthalene	8.86	142	1239519	70.785	ng	99
38) 1-Methylnaphthalene	8.96	142	1167740	69.738	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	581233	69.072	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	284532	84.857	ng		100
43) 2,4,6-Trichlorophenol	9.13	196	412764	71.365	ng		100
44) 2,4,5-Trichlorophenol	9.18	196	427951	70.980	ng		96
46) 1,1'-Biphenyl	9.32	154	1485759	67.541	ng		98
47) 2-Chloronaphthalene	9.35	162	1273247	69.324	ng		97
48) 2-Nitroaniline	9.45	65	435231	69.158	ng		96
49) Acenaphthylene	9.76	152	1788418	65.474	ng		99
50) Dimethylphthalate	9.63	163	1519736	69.476	ng		100
51) 2,6-Dinitrotoluene	9.69	165	337621	69.713	ng		90
52) Acenaphthene	9.94	154	1099891	66.095	ng		99
53) 3-Nitroaniline	9.86	138	413219	69.546	ng		90
54) 2,4-Dinitrophenol	9.97	184	179117	78.615	ng	#	87
55) Dibenzofuran	10.11	168	1600852	67.178	ng		98
56) 4-Nitrophenol	10.02	139	284322	69.918	ng		97
57) 2,4-Dinitrotoluene	10.09	165	444398	71.396	ng		93
58) Fluorene	10.45	166	1210496	65.720	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	365800	73.108	ng		99
60) Diethylphthalate	10.32	149	1366138	69.093	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	615209	67.409	ng		99
62) 4-Nitroaniline	10.48	138	427006	69.787	ng		99
63) Azobenzene	10.60	77	1403452	66.925	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	234426	78.633	ng		98
66) n-Nitrosodiphenylamine	10.56	169	1125460	71.555	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	411643	73.743	ng		96
68) Hexachlorobenzene	11.00	284	465915	73.062	ng		97
69) Atrazine	11.09	200	377824	104.378	ng		100
70) Pentachlorophenol	11.19	266	259640	79.949	ng		97
71) Phenanthrene	11.42	178	1858952	70.690	ng		100
72) Anthracene	11.46	178	1872875	71.025	ng		98
73) Carbazole	11.62	167	1733135	70.518	ng		99
74) Di-n-butylphthalate	11.94	149	1996795	73.110	ng		99
75) Fluoranthene	12.60	202	1940582	70.393	ng		99
77) Benzidine	12.72	184	839186	83.196	ng		96
78) Pyrene	12.83	202	1967667	72.594	ng		99
80) Butylbenzylphthalate	13.44	149	876744	78.019	ng		96
81) Benzo(a)anthracene	14.02	228	1625709	71.556	ng		98
82) 3,3'-Dichlorobenzidine	13.97	252	562415	75.268	ng	#	98
83) Chrysene	14.06	228	1585318	71.736	ng		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1095279	77.504	ng		99
85) Di-n-octyl phthalate	14.61	149	1698456	75.585	ng		100
86) Indeno(1,2,3-cd)pyrene	16.97	276	1383793	64.929	ng		100
88) Benzo(b)fluoranthene	15.07	252	1347312	71.816	ng		97
89) Benzo(k)fluoranthene	15.10	252	1352149	81.634	ng		100
90) Benzo(a)pyrene	15.44	252	1216051	73.868	ng		100
91) Dibenzo(a,h)anthracene	16.99	278	1109767	74.984	ng		100
92) Benzo(g,h,i)perylene	17.42	276	1133167	74.731	ng		99

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

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