Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111591.D
Acq On : 19 Dec 2018 15:05
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
12/20/2018 12:41:44 PM

Quant Time: Dec 19 16:32:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 16:16:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	221344	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	825338	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	418461	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	785278	20.00	ng		0.00
76) Chrysene-d12	14.05	240	649550	20.00	ng		0.00
87) Perylene-d12	15.52	264	510756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	670370	50.40	ng		0.00
7) Phenol-d6	6.52	99	855795	48.37	ng		0.00
23) Nitrobenzene-d5	7.46	82	723507	52.20	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	257897	68.80	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1515355	55.94	ng		0.00
79) Terphenyl-d14	13.00	244	1711135	61.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	152291	23.706	ng		98
3) Pyridine	3.46	79	409889	25.404	ng		99
4) n-Nitrosodimethylamine	3.40	42	196236	26.776	ng	#	86
6) Aniline	6.56	93	545498	24.855	ng		98
8) 2-Chlorophenol	6.68	128	374120	23.540	ng		96
9) Benzaldehyde	6.44	77	295359	27.522	ng		95
10) Phenol	6.53	94	479798m	24.343	ng		
11) bis(2-Chloroethyl)ether	6.63	93	357445	23.134	ng		96
12) 1,3-Dichlorobenzene	6.84	146	433832	24.798	ng		99
13) 1,4-Dichlorobenzene	6.92	146	438624	24.701	ng		98
14) 1,2-Dichlorobenzene	7.07	146	412131	24.670	ng		97
15) Benzyl Alcohol	7.03	79	340051	25.259	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	669743	22.201	ng		98
17) 2-Methylphenol	7.14	107	298416	23.331	ng		97
18) Hexachloroethane	7.42	117	148629	22.490	ng	#	83
19) n-Nitroso-di-n-propylamine	7.30	70	281448	24.111	ng		95
20) 3+4-Methylphenols	7.29	107	386755	24.105	ng	#	84
22) Acetophenone	7.30	105	534009	28.984	ng	#	92
24) Nitrobenzene	7.47	77	383157	27.100	ng		98
25) Isophorone	7.71	82	636869	27.157	ng		97
26) 2-Nitrophenol	7.79	139	154777	21.109	ng		93
27) 2,4-Dimethylphenol	7.82	122	294965	27.749	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	427023	26.377	ng		98
29) 2,4-Dichlorophenol	8.03	162	325845	28.716	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	364744	30.705	ng		96
31) Naphthalene	8.20	128	1022999	26.501	ng		97
32) Benzoic acid	7.91	122	185992m	20.248	ng		
33) 4-Chloroaniline	8.24	127	444150	25.874	ng		99
34) Hexachlorobutadiene	8.32	225	221602	33.861	ng		99
35) Caprolactam	8.60	113	110239	26.166	ng		99
36) 4-Chloro-3-methylphenol	8.72	107	320194	25.635	ng		98
37) 2-Methylnaphthalene	8.89	142	666522	25.516	ng		100
38) 1-Methylnaphthalene	8.99	142	643639	25.505	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	357057	31.114	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	174152	29.558	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	238794	29.400	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	243238	28.143	ng		93
46) 1,1'-Biphenyl	9.35	154	925322	26.097	ng		96
47) 2-Chloronaphthalene	9.37	162	729384	27.063	ng		93
48) 2-Nitroaniline	9.46	65	175809	20.090	ng		97
49) Acenaphthylene	9.79	152	1058622	26.462	ng		95
50) Dimethylphthalate	9.65	163	793714	26.337	ng		97
51) 2,6-Dinitrotoluene	9.70	165	151712	22.365	ng	#	81
52) Acenaphthene	9.96	154	651319	25.759	ng		98
53) 3-Nitroaniline	9.87	138	170853	20.736	ng	#	96
54) 2,4-Dinitrophenol	9.97	184	35974	13.939	ng	#	1
55) Dibenzofuran	10.14	168	991541	27.016	ng		92
56) 4-Nitrophenol	10.02	139	129518	22.714	ng		87
57) 2,4-Dinitrotoluene	10.10	165	178544	20.053	ng		89
58) Fluorene	10.48	166	712204	26.753	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	205043	30.364	ng	#	89
60) Diethylphthalate	10.35	149	776128	25.424	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	395206	30.343	ng		95
62) 4-Nitroaniline	10.48	138	154327	18.921	ng		90
63) Azobenzene	10.63	77	777320	25.829	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	66182	14.929	ng	#	75
66) n-Nitrosodiphenylamine	10.59	169	688352	25.419	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	257797	30.459	ng		97
68) Hexachlorobenzene	11.03	284	281900	32.379	ng		96
69) Atrazine	11.11	200	236549	30.226	ng		98
70) Pentachlorophenol	11.22	266	175222	32.813	ng		94
71) Phenanthrene	11.44	178	1085899	26.836	ng		95
72) Anthracene	11.49	178	1101610	26.621	ng		95
73) Carbazole	11.64	167	1055046	24.655	ng		95
74) Di-n-butylphthalate	11.97	149	1204987	25.284	ng		96
75) Fluoranthene	12.62	202	1118661	28.259	ng		96
77) Benzidine	12.74	184	633527	26.532	ng		98
78) Pyrene	12.85	202	1143546	24.971	ng		96
80) Butylbenzylphthalate	13.47	149	474610	21.262	ng		97
81) Benzo(a)anthracene	14.03	228	939191	26.592	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	389242	27.110	ng	#	95
83) Chrysene	14.07	228	916644	24.637	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	607092	21.293	ng	#	99
85) Di-n-octyl phthalate	14.64	149	932920	19.399	ng		97
86) Indeno(1,2,3-cd)pyrene	16.99	276	683598	25.457	ng	#	90
88) Benzo(b)fluoranthene	15.09	252	756178	25.394	ng	#	95
89) Benzo(k)fluoranthene	15.12	252	775526	27.256	ng	#	97
90) Benzo(a)pyrene	15.45	252	695506	25.901	ng	#	95
91) Dibenzo(a,h)anthracene	17.01	278	574554	27.124	ng	#	92
92) Benzo(g,h,i)perylene	17.43	276	550514	26.477	ng	#	90

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

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