Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111595.D
Acq On : 19 Dec 2018 17:05
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
12/20/2018 12:41:53 PM

Quant Time: Dec 19 17:34:48 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	224001	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	771338	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	382499	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	698398	20.00	ng		0.00
76) Chrysene-d12	14.05	240	442576	20.00	ng		0.00
87) Perylene-d12	15.52	264	407289	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1836789	136.45	ng		0.00
7) Phenol-d6	6.53	99	2321568	129.66	ng		0.01
23) Nitrobenzene-d5	7.47	82	2132436	164.63	ng		0.01
42) 2,4,6-Tribromophenol	10.73	330	674551	196.87	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	3458451	139.66	ng		0.00
79) Terphenyl-d14	13.00	244	3497593	185.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	454565	69.918	ng		97
3) Pyridine	3.46	79	1188518	72.788	ng		97
4) n-Nitrosodimethylamine	3.42	42	591857	79.799	ng		85
6) Aniline	6.57	93	1542781	69.461	ng		100
8) 2-Chlorophenol	6.69	128	1020292	63.435	ng		97
9) Benzaldehyde	6.45	77	776016	71.453	ng		97
10) Phenol	6.55	94	1327014	66.529	ng		92
11) bis(2-Chloroethyl)ether	6.64	93	1007686	64.445	ng		95
12) 1,3-Dichlorobenzene	6.85	146	1186171	66.996	ng		99
13) 1,4-Dichlorobenzene	6.92	146	1191310	66.291	ng		99
14) 1,2-Dichlorobenzene	7.07	146	1092106	64.597	ng		99
15) Benzyl Alcohol	7.04	79	951881	69.866	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1813790	59.410	ng		99
17) 2-Methylphenol	7.15	107	841227	64.989	ng		96
18) Hexachloroethane	7.42	117	423728	63.357	ng	#	89
19) n-Nitroso-di-n-propylamine	7.33	70	782768	66.262	ng		99
20) 3+4-Methylphenols	7.31	107	989499	60.941	ng		94
22) Acetophenone	7.32	105	1416384	82.258	ng	#	88
24) Nitrobenzene	7.49	77	1101442	83.357	ng		99
25) Isophorone	7.73	82	1817139	82.911	ng		98
26) 2-Nitrophenol	7.80	139	498838	72.796	ng		97
27) 2,4-Dimethylphenol	7.83	122	846389	85.199	ng		96
28) bis(2-Chloroethoxy)methane	7.93	93	1160352	76.691	ng		99
29) 2,4-Dichlorophenol	8.04	162	898212	84.698	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	991079	89.273	ng		98
31) Naphthalene	8.20	128	2659149	73.707	ng		99
32) Benzoic acid	7.97	122	643479m	74.957	ng		
33) 4-Chloroaniline	8.25	127	1169056	72.872	ng		100
34) Hexachlorobutadiene	8.33	225	608192	99.438	ng		99
35) Caprolactam	8.65	113	332879m	84.544	ng		
36) 4-Chloro-3-methylphenol	8.73	107	884759	75.795	ng		96
37) 2-Methylnaphthalene	8.90	142	1733360	71.003	ng		99
38) 1-Methylnaphthalene	8.99	142	1656932	70.255	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	898965	85.700	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	488333	90.674	ng		97
43) 2,4,6-Trichlorophenol	9.17	196	642177	86.498	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	653417	82.709	ng		92
46) 1,1'-Biphenyl	9.36	154	2253146	69.521	ng		98
47) 2-Chloronaphthalene	9.39	162	1844039	74.854	ng		97
48) 2-Nitroaniline	9.47	65	559741	69.978	ng		99
49) Acenaphthylene	9.80	152	2701897	73.888	ng		97
50) Dimethylphthalate	9.66	163	2054700	74.589	ng		99
51) 2,6-Dinitrotoluene	9.72	165	468874	75.618	ng	#	84
52) Acenaphthene	9.97	154	1674225	72.439	ng		99
53) 3-Nitroaniline	9.89	138	510133	67.735	ng		98
54) 2,4-Dinitrophenol	9.99	184	146949	62.293	ng	#	89
55) Dibenzofuran	10.15	168	2481245	73.960	ng		98
56) 4-Nitrophenol	10.03	139	392857	75.375	ng		91
57) 2,4-Dinitrotoluene	10.12	165	576718	70.865	ng		97
58) Fluorene	10.49	166	1722701	70.795	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	550061	89.114	ng		91
60) Diethylphthalate	10.36	149	2006756	71.918	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	971161	81.574	ng		96
62) 4-Nitroaniline	10.50	138	471370	63.224	ng		88
63) Azobenzene	10.64	77	2006027	72.923	ng		95
65) 4,6-Dinitro-2-methylphenol	10.53	198	249422	63.260	ng		93
66) n-Nitrosodiphenylamine	10.60	169	1729962	71.830	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	655916	87.138	ng	#	89
68) Hexachlorobenzene	11.03	284	726223	93.791	ng		98
69) Atrazine	11.12	200	590654	84.861	ng		98
70) Pentachlorophenol	11.22	266	488363	102.832	ng		96
71) Phenanthrene	11.44	178	2613612	72.626	ng		98
72) Anthracene	11.50	178	2602804	70.722	ng		99
73) Carbazole	11.64	167	2555112	67.137	ng		98
74) Di-n-butylphthalate	11.98	149	2803410	66.141	ng		98
75) Fluoranthene	12.63	202	2533756	71.969	ng		98
77) Benzidine	12.74	184	1198486	73.666	ng	#	93
78) Pyrene	12.86	202	2549620	81.710	ng		99
80) Butylbenzylphthalate	13.47	149	1021014	67.131	ng		91
81) Benzo(a)anthracene	14.04	228	1846061	76.713	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	713172	72.900	ng	#	98
83) Chrysene	14.08	228	1870747	73.795	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	1178978	60.690	ng		99
85) Di-n-octyl phthalate	14.65	149	1877731	57.305	ng		96
86) Indeno(1,2,3-cd)pyrene	17.02	276	2012735	110.008	ng	#	89
88) Benzo(b)fluoranthene	15.10	252	1727263m	72.741	ng		
89) Benzo(k)fluoranthene	15.13	252	1713670	75.528	ng		98
90) Benzo(a)pyrene	15.47	252	1682799	78.588	ng	#	95
91) Dibenzo(a,h)anthracene	17.03	278	1665808	98.620	ng	#	93
92) Benzo(g,h,i)perylene	17.47	276	1684196	101.579	ng	#	89

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

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