Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114972.D
Acq On : 12 Jun 2019 13:01
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Quant Time: Jun 12 13:26:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 12:22:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	234571	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	949317	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	454139	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	883689	20.00	ng		0.00
76) Chrysene-d12	13.78	240	417975	20.00	ng		0.00
87) Perylene-d12	15.16	264	463074	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	2108782	152.15	ng		0.00
7) Phenol-d6	6.31	99	2508522	150.05	ng		0.01
23) Nitrobenzene-d5	7.23	82	2432094	157.41	ng		0.01
42) 2,4,6-Tribromophenol	10.47	330	726524	147.06	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	3758440	131.35	ng		0.00
79) Terphenyl-d14	12.74	244	3553131	169.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	536972	81.644	ng		100
3) Pyridine	2.96	79	1535842	83.888	ng		99
4) n-Nitrosodimethylamine	2.92	42	541386	82.327	ng		98
6) Aniline	6.33	93	1684678	74.393	ng		89
8) 2-Chlorophenol	6.45	128	1202711	76.033	ng		98
9) Benzaldehyde	6.20	77	612268	57.221	ng		99
10) Phenol	6.32	94	1415164	75.913	ng		97
11) bis(2-Chloroethyl)ether	6.40	93	1143477	76.964	ng		99
12) 1,3-Dichlorobenzene	6.59	146	1405446	76.555	ng		97
13) 1,4-Dichlorobenzene	6.67	146	1406180	76.382	ng		98
14) 1,2-Dichlorobenzene	6.83	146	1213007	72.593	ng		98
15) Benzyl Alcohol	6.81	79	882103	73.123	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1495286	73.179	ng		99
17) 2-Methylphenol	6.93	107	1040592	78.565	ng		95
18) Hexachloroethane	7.17	117	524939	77.372	ng		96
19) n-Nitroso-di-n-propylamine	7.09	70	791189	75.682	ng		98
20) 3+4-Methylphenols	7.09	107	1082906	73.021	ng		91
22) Acetophenone	7.07	105	1649192	77.609	ng	#	99
24) Nitrobenzene	7.25	77	1235092	76.843	ng		94
25) Isophorone	7.49	82	2359571	77.988	ng		100
26) 2-Nitrophenol	7.56	139	713897	79.948	ng		99
27) 2,4-Dimethylphenol	7.60	122	997532	76.341	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	1458906	75.377	ng		99
29) 2,4-Dichlorophenol	7.80	162	1051634	76.852	ng		99
30) 1,2,4-Trichlorobenzene	7.88	180	1198081	76.291	ng		99
31) Naphthalene	7.96	128	3259427	74.514	ng		98
32) Benzoic acid	7.77	122	851996	87.291	ng		95
33) 4-Chloroaniline	8.01	127	1573201	76.213	ng		98
34) Hexachlorobutadiene	8.08	225	666771	75.700	ng		99
35) Caprolactam	8.42	113	362306	78.600	ng		99
36) 4-Chloro-3-methylphenol	8.50	107	1070760	77.041	ng		98
37) 2-Methylnaphthalene	8.65	142	2188223	73.617	ng		98
38) 1-Methylnaphthalene	8.75	142	2064965	73.453	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	993337	76.076	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	548105	73.849	ng		98
43) 2,4,6-Trichlorophenol	8.93	196	775704	78.237	ng		99
44) 2,4,5-Trichlorophenol	8.97	196	785237	76.809	ng		97
46) 1,1'-Biphenyl	9.12	154	2498364	73.534	ng		98
47) 2-Chloronaphthalene	9.14	162	2169738	75.650	ng		99
48) 2-Nitroaniline	9.23	65	680941	77.997	ng		99
49) Acenaphthylene	9.55	152	3085669	73.007	ng		98
50) Dimethylphthalate	9.43	163	2624087	76.879	ng		99
51) 2,6-Dinitrotoluene	9.48	165	604180	77.066	ng		89
52) Acenaphthene	9.72	154	1894031	73.970	ng		99
53) 3-Nitroaniline	9.65	138	750008	79.668	ng		94
54) 2,4-Dinitrophenol	9.75	184	345858	89.134	ng		92
55) Dibenzofuran	9.89	168	2600358	71.142	ng		95
56) 4-Nitrophenol	9.82	139	531976	79.288	ng		98
57) 2,4-Dinitrotoluene	9.88	165	743995	75.078	ng	#	88
58) Fluorene	10.23	166	1871716	66.430	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	641201	77.584	ng		98
60) Diethylphthalate	10.12	149	2448122	73.795	ng		99
61) 4-Chlorophenyl-phenylether	10.23	204	929478	65.895	ng		98
62) 4-Nitroaniline	10.26	138	768026	79.605	ng		100
63) Azobenzene	10.39	77	2119115	73.390	ng		96
65) 4,6-Dinitro-2-methylphenol	10.29	198	423793	85.515	ng		96
66) n-Nitrosodiphenylamine	10.35	169	1947509	74.179	ng		99
67) 4-Bromophenyl-phenylether	10.71	248	714262	74.621	ng		93
68) Hexachlorobenzene	10.78	284	780520	73.841	ng		97
69) Atrazine	10.88	200	626972	70.873	ng		98
70) Pentachlorophenol	10.97	266	470356	79.354	ng		99
71) Phenanthrene	11.19	178	3070358	71.613	ng		99
72) Anthracene	11.24	178	3106423	71.384	ng		99
73) Carbazole	11.39	167	2867987	72.388	ng		98
74) Di-n-butylphthalate	11.73	149	3413541	69.714	ng		98
75) Fluoranthene	12.36	202	3187839	71.885	ng		97
77) Benzidine	12.48	184	1113597	60.879	ng		96
78) Pyrene	12.59	202	3192680	87.706	ng		98
80) Butylbenzylphthalate	13.22	149	1553056	86.600	ng		96
81) Benzo(a)anthracene	13.77	228	2489538	80.553	ng		98
82) 3,3'-Dichlorobenzidine	13.74	252	946183	75.003	ng	#	99
83) Chrysene	13.81	228	2579714	83.123	ng		99
84) Bis(2-ethylhexyl)phthalate	13.78	149	1722139	81.994	ng		100
85) Di-n-octyl phthalate	14.39	149	2971536	77.450	ng		99
86) Indeno(1,2,3-cd)pyrene	16.47	276	2417406	82.854	ng		100
88) Benzo(b)fluoranthene	14.78	252	2452703	81.356	ng		99
89) Benzo(k)fluoranthene	14.81	252	2027979	77.512	ng		98
90) Benzo(a)pyrene	15.10	252	2087021	79.701	ng		99
91) Dibenzo(a,h)anthracene	16.49	278	1903729	86.069	ng		100
92) Benzo(g,h,i)perylene	16.86	276	2036215	92.354	ng		99

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

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