Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
Data File : BF117473.D
Acq On : 22 Oct 2019 12:43
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 22 14:49:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45372	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	191789	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	97806	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	154978	20.00	ng		0.00
76) Chrysene-d12	13.90	240	104779	20.00	ng		0.00
87) Perylene-d12	15.33	264	92124	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	264623	86.77	ng		0.00
7) Phenol-d6	6.39	99	342817	83.69	ng		0.00
23) Nitrobenzene-d5	7.30	82	328301	84.51	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	69991	82.70	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	574644	82.78	ng		0.00
79) Terphenyl-d14	12.83	244	537381	83.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	53108	41.418	ng		99
3) Pyridine	3.12	79	138057	43.982	ng		100
4) n-Nitrosodimethylamine	3.08	42	47608	41.807	ng	#	91
6) Aniline	6.40	93	203731	42.365	ng	#	49
8) 2-Chlorophenol	6.53	128	135280	42.036	ng		95
9) Benzaldehyde	6.29	77	89404	46.856	ng		96
10) Phenol	6.40	94	172441	41.246	ng		98
11) bis(2-Chloroethyl)ether	6.47	93	129976	42.031	ng		99
12) 1,3-Dichlorobenzene	6.67	146	151262	42.119	ng		99
13) 1,4-Dichlorobenzene	6.75	146	155721	42.743	ng		98
14) 1,2-Dichlorobenzene	6.90	146	144872	42.186	ng		98
15) Benzyl Alcohol	6.89	79	126402	43.192	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	141510	42.420	ng		77
17) 2-Methylphenol	7.00	107	110526	41.749	ng		98
18) Hexachloroethane	7.24	117	59411	41.780	ng		91
19) n-Nitroso-di-n-propylamine	7.16	70	105306	42.095	ng		99
20) 3+4-Methylphenols	7.16	107	146918	42.327	ng	#	90
22) Acetophenone	7.15	105	213152	41.854	ng		98
24) Nitrobenzene	7.32	77	158684	42.646	ng		99
25) Isophorone	7.56	82	280754	41.775	ng		98
26) 2-Nitrophenol	7.64	139	68802	41.458	ng		99
27) 2,4-Dimethylphenol	7.68	122	103417	41.698	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	175064	42.215	ng		98
29) 2,4-Dichlorophenol	7.89	162	109093	41.937	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	115915	41.523	ng		97
31) Naphthalene	8.04	128	398180	41.886	ng		99
32) Benzoic acid	7.84	122	53275	31.361	ng		97
33) 4-Chloroaniline	8.09	127	171162	42.662	ng		98
34) Hexachlorobutadiene	8.16	225	69778	43.185	ng		98
35) Caprolactam	8.47	113	36812	44.051	ng		95
36) 4-Chloro-3-methylphenol	8.59	107	124391	41.928	ng		96
37) 2-Methylnaphthalene	8.73	142	263610	41.153	ng		100
38) 1-Methylnaphthalene	8.83	142	251749	41.824	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	110678	42.014	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	17241	36.096	ng		91
43) 2,4,6-Trichlorophenol	9.02	196	70884	42.969	ng		100
44) 2,4,5-Trichlorophenol	9.06	196	72829	43.567	ng		96
46) 1,1'-Biphenyl	9.19	154	339653	41.948	ng		99
47) 2-Chloronaphthalene	9.22	162	252985	41.439	ng		98
48) 2-Nitroaniline	9.32	65	83859	41.843	ng		95
49) Acenaphthylene	9.63	152	374545	41.768	ng		99
50) Dimethylphthalate	9.49	163	291893	41.863	ng		99
51) 2,6-Dinitrotoluene	9.56	165	61793	42.470	ng		97
52) Acenaphthene	9.80	154	226006	41.080	ng		99
53) 3-Nitroaniline	9.73	138	72572	41.108	ng		97
54) 2,4-Dinitrophenol	9.86	184	23305	41.042	ng		96
55) Dibenzofuran	9.97	168	330159	41.421	ng		99
56) 4-Nitrophenol	9.92	139	30214	39.391	ng		89
57) 2,4-Dinitrotoluene	9.97	165	78827	40.749	ng		96
58) Fluorene	10.32	166	274145	41.590	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	53243	40.525	ng		93
60) Diethylphthalate	10.19	149	299118	42.413	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	123501	41.761	ng		98
62) 4-Nitroaniline	10.35	138	66432	39.924	ng		92
63) Azobenzene	10.47	77	302823	41.945	ng		100
65) 4,6-Dinitro-2-methylphenol	10.39	198	31520	40.003	ng		87
66) n-Nitrosodiphenylamine	10.43	169	230126	40.618	ng		98
67) 4-Bromophenyl-phenylether	10.79	248	68938	41.298	ng		97
68) Hexachlorobenzene	10.87	284	73245	40.971	ng	#	87
69) Atrazine	10.96	200	56274	39.039	ng		98
70) Pentachlorophenol	11.07	266	24386	45.503	ng		93
71) Phenanthrene	11.28	178	371984	41.336	ng		99
72) Anthracene	11.33	178	380183	41.174	ng		99
73) Carbazole	11.49	167	348978	41.357	ng		99
74) Di-n-butylphthalate	11.81	149	478733	42.460	ng		99
75) Fluoranthene	12.47	202	365416	40.563	ng		98
77) Benzidine	12.59	184	140943	51.498	ng		99
78) Pyrene	12.69	202	375851	41.761	ng		100
80) Butylbenzylphthalate	13.30	149	189402	42.291	ng		99
81) Benzo(a)anthracene	13.89	228	292327	41.361	ng		98
82) 3,3'-Dichlorobenzidine	13.85	252	97110	43.786	ng		99
83) Chrysene	13.92	228	286013	41.291	ng		98
84) Bis(2-ethylhexyl)phthalate	13.87	149	268217	42.753	ng		99
85) Di-n-octyl phthalate	14.48	149	425048	44.066	ng		100
86) Indeno(1,2,3-cd)pyrene	16.74	276	214775	41.529	ng		99
88) Benzo(b)fluoranthene	14.93	252	228907	42.078	ng		98
89) Benzo(k)fluoranthene	14.95	252	224905	40.337	ng		99
90) Benzo(a)pyrene	15.27	252	201633	40.766	ng		98
91) Dibenzo(a,h)anthracene	16.75	278	180511	42.207	ng		99
92) Benzo(g,h,i)perylene	17.16	276	170453	42.123	ng		98

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

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