Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
Data File : BF117638.D
Acq On : 31 Oct 2019 1:47
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 31 15:00:58 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	46597	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	197924	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	96358	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	147769	20.00	ng		0.00
76) Chrysene-d12	13.90	240	103967	20.00	ng		0.00
87) Perylene-d12	15.33	264	92685	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	271239	86.60	ng		0.00
7) Phenol-d6	6.39	99	360521	85.70	ng		0.01
23) Nitrobenzene-d5	7.30	82	335639	83.72	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	63468	76.12	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	554525	81.09	ng		0.00
79) Terphenyl-d14	12.83	244	482560	75.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	53198	40.397	ng		98
3) Pyridine	3.05	79	142266	44.131	ng		98
4) n-Nitrosodimethylamine	3.02	42	50112	42.849	ng		98
6) Aniline	6.40	93	211426	42.809	ng		89
8) 2-Chlorophenol	6.53	128	143442	43.401	ng		96
9) Benzaldehyde	6.29	77	98864	52.035	ng		96
10) Phenol	6.40	94	184178	42.896	ng		88
11) bis(2-Chloroethyl)ether	6.47	93	133567	42.057	ng		99
12) 1,3-Dichlorobenzene	6.67	146	153019	41.488	ng		99
13) 1,4-Dichlorobenzene	6.75	146	157355	42.056	ng		96
14) 1,2-Dichlorobenzene	6.90	146	150576	42.694	ng		97
15) Benzyl Alcohol	6.89	79	127268	42.344	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	142340	41.547	ng		69
17) 2-Methylphenol	7.01	107	119174	43.832	ng	#	92
18) Hexachloroethane	7.23	117	47471	32.506	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	104992	40.866	ng		95
20) 3+4-Methylphenols	7.17	107	153566	43.079	ng	#	63
22) Acetophenone	7.15	105	220999	42.050	ng	#	95
24) Nitrobenzene	7.32	77	159608	41.565	ng		98
25) Isophorone	7.56	82	274343	39.556	ng		98
26) 2-Nitrophenol	7.64	139	60459	35.302	ng		95
27) 2,4-Dimethylphenol	7.69	122	107993	42.193	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	172362	40.275	ng		98
29) 2,4-Dichlorophenol	7.89	162	110690	41.232	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	117106	40.649	ng		97
31) Naphthalene	8.03	128	405370	41.320	ng		99
32) Benzoic acid	7.86	122	65162	37.170	ng		94
33) 4-Chloroaniline	8.09	127	172737	41.720	ng		97
34) Hexachlorobutadiene	8.15	225	66178	39.687	ng		98
35) Caprolactam	8.48	113	39634	45.958	ng		92
36) 4-Chloro-3-methylphenol	8.60	107	127628	41.685	ng		99
37) 2-Methylnaphthalene	8.73	142	265742	40.200	ng		99
38) 1-Methylnaphthalene	8.82	142	251754	40.529	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	109481	42.185	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	2404	14.468	ng		87
43) 2,4,6-Trichlorophenol	9.02	196	68047	41.869	ng		94
44) 2,4,5-Trichlorophenol	9.07	196	67272	40.848	ng		92
46) 1,1'-Biphenyl	9.19	154	333235	41.774	ng		99
47) 2-Chloronaphthalene	9.22	162	251183	41.762	ng		99
48) 2-Nitroaniline	9.33	65	92002	46.596	ng		96
49) Acenaphthylene	9.63	152	374179	42.354	ng		100
50) Dimethylphthalate	9.49	163	284059	41.352	ng		99
51) 2,6-Dinitrotoluene	9.56	165	57119	39.847	ng	#	81
52) Acenaphthene	9.80	154	223216	41.182	ng		98
53) 3-Nitroaniline	9.74	138	80025	46.011	ng		100
55) Dibenzofuran	9.97	168	329004	41.896	ng		99
56) 4-Nitrophenol	9.94	139	34742	45.285	ng		93
57) 2,4-Dinitrotoluene	9.98	165	76691	40.241	ng		90
58) Fluorene	10.32	166	268357	41.324	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	48775	37.682	ng		96
60) Diethylphthalate	10.19	149	290111	41.754	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	118405	40.640	ng		92
62) 4-Nitroaniline	10.36	138	76566	46.705	ng		98
63) Azobenzene	10.46	77	294032	41.339	ng		98
65) 4,6-Dinitro-2-methylphenol	10.41	198	3895	5.184	ng	#	50
66) n-Nitrosodiphenylamine	10.43	169	230382	42.647	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	64826	40.729	ng		91
68) Hexachlorobenzene	10.87	284	70106	41.128	ng	#	87
69) Atrazine	10.95	200	34830	25.341	ng		98
70) Pentachlorophenol	11.08	266	27890	54.580	ng		96
71) Phenanthrene	11.28	178	356387	41.535	ng		98
72) Anthracene	11.33	178	365815	41.551	ng		99
73) Carbazole	11.49	167	345099	42.892	ng		100
74) Di-n-butylphthalate	11.81	149	444074	41.307	ng		98
75) Fluoranthene	12.47	202	341385	39.744	ng		99
77) Benzidine	12.60	184	157320	64.213	ng		99
78) Pyrene	12.70	202	343899	38.510	ng		99
80) Butylbenzylphthalate	13.30	149	171111	38.505	ng		93
81) Benzo(a)anthracene	13.89	228	285905	40.768	ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	107296	48.757	ng	#	97
83) Chrysene	13.93	228	283643	41.268	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	231509	37.190	ng		98
85) Di-n-octyl phthalate	14.47	149	395026	41.273	ng		99
86) Indeno(1,2,3-cd)pyrene	16.76	276	169064	32.946	ng		98
88) Benzo(b)fluoranthene	14.93	252	241088	44.049	ng		98
89) Benzo(k)fluoranthene	14.96	252	237349	42.311	ng		97
90) Benzo(a)pyrene	15.28	252	208560	41.911	ng		99
91) Dibenzo(a,h)anthracene	16.76	278	142447	33.105	ng		97
92) Benzo(g,h,i)perylene	17.19	276	132461	32.536	ng		97

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

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