Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100919\
Data File : BF117354.D
Acq On : 9 Oct 2019 14:45
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 09 23:19:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	42643	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	183628	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	92799	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	152160	20.00	ng		0.00
76) Chrysene-d12	13.97	240	105688	20.00	ng		0.00
87) Perylene-d12	15.43	264	86976	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	226884	83.07	ng		0.00
7) Phenol-d6	6.45	99	298965	84.70	ng		0.00
23) Nitrobenzene-d5	7.37	82	289927	82.96	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	63302	81.62	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	530507	89.39	ng		0.00
79) Terphenyl-d14	12.91	244	511968	90.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	45490	39.802	ng		100
3) Pyridine	3.26	79	119912	38.331	ng		99
4) n-Nitrosodimethylamine	3.21	42	39578	36.866	ng		96
6) Aniline	6.47	93	188471	41.470	ng	#	85
8) 2-Chlorophenol	6.59	128	123298	41.844	ng		99
9) Benzaldehyde	6.36	77	80536	47.411	ng		98
10) Phenol	6.46	94	161337	41.460	ng	#	75
11) bis(2-Chloroethyl)ether	6.54	93	116264	40.651	ng		99
12) 1,3-Dichlorobenzene	6.75	146	139857	42.298	ng		97
13) 1,4-Dichlorobenzene	6.82	146	143528	42.536	ng		97
14) 1,2-Dichlorobenzene	6.97	146	136008	43.293	ng		97
15) Benzyl Alcohol	6.95	79	113630	41.978	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	125545	44.431	ng		77
17) 2-Methylphenol	7.07	107	104404	42.277	ng	#	91
18) Hexachloroethane	7.31	117	55007	42.375	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	94789	44.100	ng		95
20) 3+4-Methylphenols	7.22	107	138588	45.054	ng	#	80
22) Acetophenone	7.22	105	193674	41.513	ng		96
24) Nitrobenzene	7.39	77	143441	41.562	ng		100
25) Isophorone	7.63	82	252773	40.849	ng		99
26) 2-Nitrophenol	7.70	139	64093	43.234	ng		97
27) 2,4-Dimethylphenol	7.75	122	98237	41.787	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	160092	41.992	ng		99
29) 2,4-Dichlorophenol	7.96	162	101072	41.031	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	109347	41.088	ng		99
31) Naphthalene	8.10	128	368832	41.764	ng		99
32) Benzoic acid	7.89	122	57790m	34.677	ng		
33) 4-Chloroaniline	8.16	127	160537	40.985	ng		98
34) Hexachlorobutadiene	8.22	225	62269	41.242	ng		98
35) Caprolactam	8.53	113	33199	39.818	ng		92
36) 4-Chloro-3-methylphenol	8.65	107	117402	40.875	ng		99
37) 2-Methylnaphthalene	8.80	142	249691	41.986	ng		98
38) 1-Methylnaphthalene	8.90	142	235539	42.288	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	103747	43.294	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	35815	38.343 ng		99
43) 2,4,6-Trichlorophenol	9.09	196	63605	39.112 ng		99
44) 2,4,5-Trichlorophenol	9.13	196	67338	38.757 ng		99
46) 1,1'-Biphenyl	9.26	154	307139	42.194 ng		99
47) 2-Chloronaphthalene	9.29	162	243112	42.319 ng		99
48) 2-Nitroaniline	9.39	65	78278	42.481 ng		94
49) Acenaphthylene	9.70	152	363449	42.232 ng		99
50) Dimethylphthalate	9.56	163	273880	41.682 ng		99
51) 2,6-Dinitrotoluene	9.63	165	57478	42.951 ng	#	89
52) Acenaphthene	9.87	154	215963	42.333 ng		98
53) 3-Nitroaniline	9.80	138	70571	41.797 ng		98
54) 2,4-Dinitrophenol	9.93	184	21483	42.085 ng		91
55) Dibenzofuran	10.05	168	319586	42.459 ng		98
56) 4-Nitrophenol	9.99	139	40693	37.186 ng		97
57) 2,4-Dinitrotoluene	10.04	165	78679	45.293 ng	#	87
58) Fluorene	10.39	166	266003	43.872 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	50276	37.813 ng		98
60) Diethylphthalate	10.26	149	278237	43.042 ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	117261	44.699 ng		98
62) 4-Nitroaniline	10.42	138	73814	42.038 ng		95
63) Azobenzene	10.54	77	281093	42.575 ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	28495	42.092 ng		93
66) n-Nitrosodiphenylamine	10.50	169	226195	43.044 ng		99
67) 4-Bromophenyl-phenylether	10.86	248	66353	42.700 ng		96
68) Hexachlorobenzene	10.95	284	70482	41.469 ng		98
69) Atrazine	11.02	200	47829	34.292 ng		99
70) Pentachlorophenol	11.15	266	31770	39.878 ng		98
71) Phenanthrene	11.35	178	360621	41.726 ng		99
72) Anthracene	11.40	178	375044	42.505 ng		98
73) Carbazole	11.56	167	349905	41.778 ng		98
74) Di-n-butylphthalate	11.88	149	449936	45.153 ng		99
75) Fluoranthene	12.54	202	372162	41.909 ng		100
77) Benzidine	12.66	184	133961	39.348 ng		98
78) Pyrene	12.77	202	369191	41.632 ng		97
80) Butylbenzylphthalate	13.37	149	182241	43.491 ng		99
81) Benzo(a)anthracene	13.96	228	297737	42.165 ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	93418	41.055 ng		96
83) Chrysene	14.00	228	288215	41.850 ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	239897	44.403 ng		99
85) Di-n-octyl phthalate	14.54	149	370121	43.525 ng		100
86) Indeno(1,2,3-cd)pyrene	16.89	276	179300	35.686 ng		98
88) Benzo(b)fluoranthene	15.00	252	230391	43.730 ng		99
89) Benzo(k)fluoranthene	15.03	252	207273	41.532 ng		99
90) Benzo(a)pyrene	15.37	252	192791	41.701 ng		99
91) Dibenzo(a,h)anthracene	16.89	278	149068	40.475 ng		97
92) Benzo(g,h,i)perylene	17.32	276	138726	37.800 ng		97

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

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