Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117136.D
Acq On : 18 Sep 2019 9:45
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 18 13:26:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	76210	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	324552	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	165371	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	269898	20.00	ng		0.00
76) Chrysene-d12	13.97	240	177796	20.00	ng		0.00
87) Perylene-d12	15.42	264	140709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	368032	75.40	ng		0.00
7) Phenol-d6	6.46	99	487247	77.24	ng		0.00
23) Nitrobenzene-d5	7.39	82	473808	76.71	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	105306	76.19	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	821364	77.66	ng		0.00
79) Terphenyl-d14	12.92	244	772444	81.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	76382	37.395	ng		97
3) Pyridine	3.32	79	206484	36.933	ng		97
4) n-Nitrosodimethylamine	3.26	42	69065	35.997	ng		94
6) Aniline	6.49	93	312977	38.534	ng		94
8) 2-Chlorophenol	6.61	128	203364	38.618	ng		97
9) Benzaldehyde	6.37	77	132658	42.730	ng		98
10) Phenol	6.48	94	266168	38.273	ng		88
11) bis(2-Chloroethyl)ether	6.56	93	193002	37.760	ng		99
12) 1,3-Dichlorobenzene	6.77	146	227708	38.535	ng		95
13) 1,4-Dichlorobenzene	6.84	146	232347	38.529	ng		99
14) 1,2-Dichlorobenzene	7.00	146	217050	38.658	ng		99
15) Benzyl Alcohol	6.97	79	189434	39.158	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	193307	38.280	ng		92
17) 2-Methylphenol	7.09	107	172499	39.085	ng		96
18) Hexachloroethane	7.33	117	89294	38.490	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	152429	39.681	ng		96
20) 3+4-Methylphenols	7.23	107	216500	39.383	ng	#	89
22) Acetophenone	7.23	105	312678	37.919	ng		99
24) Nitrobenzene	7.41	77	232614	38.134	ng		92
25) Isophorone	7.65	82	406433	37.162	ng		99
26) 2-Nitrophenol	7.72	139	106132	40.506	ng		94
27) 2,4-Dimethylphenol	7.76	122	158908	38.245	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	252652	37.495	ng		99
29) 2,4-Dichlorophenol	7.97	162	166819	38.316	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	175795	37.374	ng		99
31) Naphthalene	8.13	128	588924	37.730	ng		99
32) Benzoic acid	7.89	122	100374	34.192	ng		97
33) 4-Chloroaniline	8.17	127	265079	38.289	ng		99
34) Hexachlorobutadiene	8.25	225	101351	37.979	ng		98
35) Caprolactam	8.55	113	54225	36.797	ng		92
36) 4-Chloro-3-methylphenol	8.66	107	194021	38.219	ng		97
37) 2-Methylnaphthalene	8.82	142	397037	37.774	ng		100
38) 1-Methylnaphthalene	8.92	142	375199	38.113	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	163292	38.239	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	60075	36.552 ng	97
43) 2,4,6-Trichlorophenol	9.09	196	110195	38.025 ng	99
44) 2,4,5-Trichlorophenol	9.14	196	118227	38.184 ng	97
46) 1,1'-Biphenyl	9.27	154	491046	37.855 ng	99
47) 2-Chloronaphthalene	9.30	162	389500	38.047 ng	98
48) 2-Nitroaniline	9.40	65	129111	39.319 ng	95
49) Acenaphthylene	9.72	152	588883	38.398 ng	100
50) Dimethylphthalate	9.57	163	445543	38.051 ng	99
51) 2,6-Dinitrotoluene	9.64	165	94530	39.639 ng	93
52) Acenaphthene	9.89	154	344228	37.864 ng	98
53) 3-Nitroaniline	9.81	138	115444	38.368 ng	98
54) 2,4-Dinitrophenol	9.92	184	35738	39.896 ng	98
55) Dibenzofuran	10.06	168	508219	37.889 ng	97
56) 4-Nitrophenol	9.98	139	80090	41.070 ng	92
57) 2,4-Dinitrotoluene	10.05	165	126967	41.016 ng	99
58) Fluorene	10.40	166	416670	38.563 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	90588	38.233 ng	97
60) Diethylphthalate	10.27	149	442331	38.398 ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	181904	38.911 ng	95
62) 4-Nitroaniline	10.42	138	117737	37.627 ng	97
63) Azobenzene	10.55	77	443441	37.690 ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	47735	40.137 ng	95
66) n-Nitrosodiphenylamine	10.51	169	352763	37.845 ng	98
67) 4-Bromophenyl-phenylether	10.88	248	106537	38.652 ng	93
68) Hexachlorobenzene	10.95	284	114737	38.059 ng	93
69) Atrazine	11.03	200	90040	37.004 ng	99
70) Pentachlorophenol	11.15	266	46928	33.208 ng	97
71) Phenanthrene	11.36	178	572986	37.377 ng	100
72) Anthracene	11.41	178	595206	38.030 ng	99
73) Carbazole	11.57	167	553803	37.278 ng	100
74) Di-n-butylphthalate	11.89	149	679387	38.437 ng	99
75) Fluoranthene	12.55	202	576715	36.613 ng	98
77) Benzidine	12.66	184	221663	38.703 ng	98
78) Pyrene	12.77	202	579935	38.874 ng	99
80) Butylbenzylphthalate	13.38	149	280760	39.829 ng	98
81) Benzo(a)anthracene	13.96	228	449292	37.823 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	146502	38.272 ng	97
83) Chrysene	14.00	228	446430	38.533 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	370922	40.810 ng	100
85) Di-n-octyl phthalate	14.54	149	582788	40.739 ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	282597	33.434 ng	98
88) Benzo(b)fluoranthene	15.00	252	339444	39.826 ng	98
89) Benzo(k)fluoranthene	15.02	252	316093	39.150 ng	99
90) Benzo(a)pyrene	15.35	252	288047	38.513 ng	99
91) Dibenzo(a,h)anthracene	16.86	278	231044	38.777 ng	100
92) Benzo(g,h,i)perylene	17.29	276	221576	37.319 ng	98

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

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