Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111707.D
Acq On : 26 Dec 2018 11:05
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 26 13:39:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 26 13:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	217669	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	789006	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	388661	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	722509	20.00	ng		0.00
76) Chrysene-d12	14.07	240	500269	20.00	ng		0.00
87) Perylene-d12	15.55	264	388619	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	972781	76.18	ng		0.00
7) Phenol-d6	6.55	99	1239888	76.29	ng		0.00
23) Nitrobenzene-d5	7.47	82	1133483	83.62	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	383210	83.45	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2156730	80.88	ng		0.00
79) Terphenyl-d14	13.01	244	2284715	86.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	210755	35.078	ng		95
3) Pyridine	3.48	79	567726	36.270	ng		98
4) n-Nitrosodimethylamine	3.43	42	288365	37.643	ng	#	79
6) Aniline	6.57	93	769129	37.127	ng		99
8) 2-Chlorophenol	6.69	128	556922	39.370	ng		99
9) Benzaldehyde	6.45	77	401040	35.880	ng		96
10) Phenol	6.56	94	679881	37.077	ng		78
11) bis(2-Chloroethyl)ether	6.64	93	531913	38.710	ng		99
12) 1,3-Dichlorobenzene	6.85	146	653210	39.845	ng		97
13) 1,4-Dichlorobenzene	6.92	146	657562	39.550	ng		98
14) 1,2-Dichlorobenzene	7.08	146	609541	39.295	ng		97
15) Benzyl Alcohol	7.05	79	506168	39.216	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.18	45	920537	36.375	ng		97
17) 2-Methylphenol	7.16	107	434017	38.317	ng		94
18) Hexachloroethane	7.42	117	233538	41.684	ng	#	81
19) n-Nitroso-di-n-propylamine	7.32	70	404566	37.484	ng		95
20) 3+4-Methylphenols	7.31	107	543561	37.978	ng	#	88
22) Acetophenone	7.31	105	770290	38.536	ng	#	99
24) Nitrobenzene	7.49	77	578594	40.726	ng		99
25) Isophorone	7.72	82	925512	38.460	ng		97
26) 2-Nitrophenol	7.80	139	264720	45.944	ng	#	89
27) 2,4-Dimethylphenol	7.84	122	434487	38.253	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	626495	39.123	ng		99
29) 2,4-Dichlorophenol	8.05	162	482794	39.519	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	547039	40.183	ng		98
31) Naphthalene	8.21	128	1492571	39.371	ng		98
32) Benzoic acid	7.96	122	264617	35.236	ng		97
33) 4-Chloroaniline	8.25	127	635126	38.761	ng		98
34) Hexachlorobutadiene	8.33	225	346466	41.757	ng		98
35) Caprolactam	8.63	113	151839	36.679	ng		89
36) 4-Chloro-3-methylphenol	8.74	107	473917	39.463	ng		99
37) 2-Methylnaphthalene	8.90	142	980503	39.753	ng		99
38) 1-Methylnaphthalene	9.00	142	934999	39.471	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	529553	41.464	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	307996	49.697	ng		97
43) 2,4,6-Trichlorophenol	9.18	196	348229	40.839	ng		97
44) 2,4,5-Trichlorophenol	9.22	196	357475	40.865	ng		91
46) 1,1'-Biphenyl	9.36	154	1327169	40.452	ng		96
47) 2-Chloronaphthalene	9.39	162	1045341	40.214	ng		94
48) 2-Nitroaniline	9.48	65	296600	43.860	ng		95
49) Acenaphthylene	9.80	152	1522079	40.104	ng		96
50) Dimethylphthalate	9.66	163	1140184	40.117	ng		97
51) 2,6-Dinitrotoluene	9.72	165	236913	41.804	ng		93
52) Acenaphthene	9.97	154	945212	40.380	ng		97
53) 3-Nitroaniline	9.89	138	261574	43.278	ng	#	95
54) 2,4-Dinitrophenol	9.99	184	80293	47.422	ng		91
55) Dibenzofuran	10.15	168	1415008	40.012	ng		94
56) 4-Nitrophenol	10.05	139	192938	41.829	ng		92
57) 2,4-Dinitrotoluene	10.12	165	301073	44.202	ng		94
58) Fluorene	10.49	166	1011658	39.699	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	299251	40.650	ng		90
60) Diethylphthalate	10.36	149	1117203	40.072	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	575111	40.848	ng		94
62) 4-Nitroaniline	10.50	138	247757	42.176	ng		90
63) Azobenzene	10.64	77	1099083	39.268	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	134829	45.550	ng		88
66) n-Nitrosodiphenylamine	10.60	169	968315	39.925	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	367209	40.977	ng		96
68) Hexachlorobenzene	11.05	284	410370	41.071	ng	#	93
69) Atrazine	11.12	200	340789	40.447	ng		97
70) Pentachlorophenol	11.23	266	248650	40.254	ng		95
71) Phenanthrene	11.45	178	1509181	39.386	ng		95
72) Anthracene	11.50	178	1509879	39.258	ng		96
73) Carbazole	11.66	167	1442761	38.638	ng		96
74) Di-n-butylphthalate	11.99	149	1676458	40.043	ng		96
75) Fluoranthene	12.64	202	1490578	38.415	ng		97
77) Benzidine	12.75	184	624894	33.195	ng		99
78) Pyrene	12.87	202	1510191	42.748	ng		97
80) Butylbenzylphthalate	13.48	149	637218	44.250	ng		90
81) Benzo(a)anthracene	14.06	228	1156412	40.505	ng		98
82) 3,3'-Dichlorobenzidine	14.02	252	457638	40.569	ng	#	95
83) Chrysene	14.09	228	1112411	39.643	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	819788	45.195	ng		98
85) Di-n-octyl phthalate	14.66	149	1147659	40.836	ng		96
86) Indeno(1,2,3-cd)pyrene	17.05	276	928623	38.929	ng	#	88
88) Benzo(b)fluoranthene	15.12	252	923487	40.660	ng	#	96
89) Benzo(k)fluoranthene	15.15	252	839606	38.829	ng	#	95
90) Benzo(a)pyrene	15.49	252	828420	40.148	ng	#	93
91) Dibenzo(a,h)anthracene	17.07	278	778721	43.097	ng	#	91
92) Benzo(g,h,i)perylene	17.50	276	765831	43.405	ng	#	88

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

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