Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
Data File : BF117409.D
Acq On : 16 Oct 2019 13:03
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
10/18/2019 8:26:25 AM

Quant Time: Oct 16 14:51:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	50946	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	219225	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	112745	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	181663	20.00	ng	0.00
76) Chrysene-d12	13.96	240	124858	20.00	ng	0.00
87) Perylene-d12	15.41	264	103374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	266125	80.37	ng	0.00
7) Phenol-d6	6.44	99	357627	81.40	ng	0.00
23) Nitrobenzene-d5	7.36	82	348398	80.56	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	76552	83.43	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	630387	81.51	ng	0.00
79) Terphenyl-d14	12.90	244	622284	81.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	53571	39.301	ng	98
3) Pyridine	3.26	79	145866	42.049	ng	94
4) n-Nitrosodimethylamine	3.20	42	48761	39.889	ng	93
6) Aniline	6.46	93	223421	40.710	ng	90
8) 2-Chlorophenol	6.59	128	150603	40.911	ng	99
9) Benzaldehyde	6.35	77	95962	46.189	ng	98
10) Phenol	6.45	94	192813	40.653	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	143993	39.932	ng	98
12) 1,3-Dichlorobenzene	6.73	146	166547	40.456	ng	99
13) 1,4-Dichlorobenzene	6.81	146	167124	39.825	ng	95
14) 1,2-Dichlorobenzene	6.96	146	162352	40.959	ng	99
15) Benzyl Alcohol	6.95	79	137832	41.007	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	158472	41.853	ng	95
17) 2-Methylphenol	7.06	107	125242	40.753	ng	99
18) Hexachloroethane	7.30	117	65502	40.146	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	117081	41.797	ng	98
20) 3+4-Methylphenols	7.22	107	162693	41.115	ng	99
22) Acetophenone	7.21	105	235444	40.928	ng	98
24) Nitrobenzene	7.38	77	173401	40.026	ng	99
25) Isophorone	7.62	82	314046	40.764	ng	97
26) 2-Nitrophenol	7.70	139	79704	41.467	ng	97
27) 2,4-Dimethylphenol	7.74	122	118018	40.400	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	197044	41.258	ng	99
29) 2,4-Dichlorophenol	7.95	162	123219	40.879	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	131261	40.395	ng	99
31) Naphthalene	8.10	128	442276	40.397	ng	100
32) Benzoic acid	7.90	122	76630	40.097	ng	92
33) 4-Chloroaniline	8.15	127	191596	41.208	ng	98
34) Hexachlorobutadiene	8.21	225	75475	40.555	ng	96
35) Caprolactam	8.53	113	39264m	41.596	ng	
36) 4-Chloro-3-methylphenol	8.64	107	139675	40.724	ng	100
37) 2-Methylnaphthalene	8.79	142	299219	40.474	ng	97
38) 1-Methylnaphthalene	8.89	142	280412	40.257	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	122895	40.501	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	43384	76.566	ng		91
43) 2,4,6-Trichlorophenol	9.07	196	78785	41.028	ng		97
44) 2,4,5-Trichlorophenol	9.13	196	79002	40.333	ng		98
46) 1,1'-Biphenyl	9.25	154	372341	40.425	ng		98
47) 2-Chloronaphthalene	9.28	162	291672	40.623	ng		98
48) 2-Nitroaniline	9.38	65	93126	40.651	ng		98
49) Acenaphthylene	9.69	152	431058	40.953	ng		100
50) Dimethylphthalate	9.55	163	333405	41.176	ng		99
51) 2,6-Dinitrotoluene	9.62	165	69584	40.885	ng		99
52) Acenaphthene	9.86	154	258983	40.492	ng		98
53) 3-Nitroaniline	9.79	138	86256	41.502	ng		97
54) 2,4-Dinitrophenol	9.92	184	24295	36.087	ng		96
55) Dibenzofuran	10.03	168	380434	40.775	ng		99
56) 4-Nitrophenol	9.97	139	44381	49.470	ng		87
57) 2,4-Dinitrotoluene	10.03	165	92960	41.395	ng		97
58) Fluorene	10.38	166	317914	40.924	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	60659	40.059	ng		98
60) Diethylphthalate	10.25	149	338955	41.529	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	145613	42.336	ng		93
62) 4-Nitroaniline	10.42	138	79689	40.337	ng		96
63) Azobenzene	10.53	77	338919	40.469	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	36632	38.872	ng		95
66) n-Nitrosodiphenylamine	10.49	169	269006	39.639	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	81847	41.077	ng		96
68) Hexachlorobenzene	10.93	284	86516	40.431	ng		96
69) Atrazine	11.02	200	54242	49.291	ng		98
70) Pentachlorophenol	11.13	266	33891	52.940	ng	#	91
71) Phenanthrene	11.34	178	436239	40.622	ng		99
72) Anthracene	11.39	178	451604	40.737	ng		99
73) Carbazole	11.55	167	414728	41.184	ng		100
74) Di-n-butylphthalate	11.87	149	567114	41.590	ng		99
75) Fluoranthene	12.53	202	438929	41.105	ng		98
77) Benzidine	12.65	184	126183	40.862	ng		99
78) Pyrene	12.76	202	447619	40.557	ng		99
80) Butylbenzylphthalate	13.37	149	233627	42.097	ng		98
81) Benzo(a)anthracene	13.95	228	347134	40.520	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	108403	40.021	ng		99
83) Chrysene	13.99	228	340374	40.288	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	329190	42.069	ng		97
85) Di-n-octyl phthalate	14.53	149	501856	42.126	ng		100
86) Indeno(1,2,3-cd)pyrene	16.87	276	234166	39.639	ng		99
88) Benzo(b)fluoranthene	14.99	252	246949	38.373	ng		98
89) Benzo(k)fluoranthene	15.02	252	267440	41.816	ng		99
90) Benzo(a)pyrene	15.35	252	226473	39.741	ng		97
91) Dibenzo(a,h)anthracene	16.87	278	193754	39.678	ng		98
92) Benzo(g,h,i)perylene	17.30	276	177569	38.202	ng		96

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

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