Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117109.D
Acq On : 17 Sep 2019 16:24
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
9/19/2019 4:45:16 PM

Quant Time: Sep 18 12:00:16 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	78816	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	331574	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	173749	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	285872	20.00	ng		0.00
76) Chrysene-d12	13.97	240	194755	20.00	ng		0.00
87) Perylene-d12	15.42	264	152544	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	356119	70.54	ng		0.00
7) Phenol-d6	6.47	99	493418	75.63	ng		0.01
23) Nitrobenzene-d5	7.39	82	481286	76.27	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	115685	79.66	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	850691	76.55	ng		0.00
79) Terphenyl-d14	12.92	244	827474	79.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	65199	30.864	ng		97
3) Pyridine	3.32	79	165033	28.543	ng		95
4) n-Nitrosodimethylamine	3.25	42	54603m	27.519	ng		
6) Aniline	6.49	93	315075	37.509	ng	#	86
8) 2-Chlorophenol	6.62	128	206973	38.004	ng		96
9) Benzaldehyde	6.37	77	137857	42.996	ng		97
10) Phenol	6.48	94	268375	37.314	ng		91
11) bis(2-Chloroethyl)ether	6.56	93	201749	38.166	ng		100
12) 1,3-Dichlorobenzene	6.77	146	233597	38.224	ng		96
13) 1,4-Dichlorobenzene	6.84	146	238704	38.275	ng		99
14) 1,2-Dichlorobenzene	7.00	146	221032	38.066	ng		99
15) Benzyl Alcohol	6.97	79	194622	38.900	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	196934	37.708	ng		88
17) 2-Methylphenol	7.09	107	171723	37.623	ng		95
18) Hexachloroethane	7.33	117	91434	38.110	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	156989	39.516	ng		94
20) 3+4-Methylphenols	7.24	107	218327	38.402	ng	#	87
22) Acetophenone	7.23	105	317830	37.728	ng	#	98
24) Nitrobenzene	7.41	77	234395	37.612	ng		95
25) Isophorone	7.65	82	428899	38.386	ng		99
26) 2-Nitrophenol	7.72	139	110160	41.153	ng		96
27) 2,4-Dimethylphenol	7.76	122	160688	37.854	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	262671	38.156	ng		99
29) 2,4-Dichlorophenol	7.97	162	171057	38.458	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	181741	37.820	ng		100
31) Naphthalene	8.13	128	603299	37.832	ng		99
32) Benzoic acid	7.90	122	115248	37.610	ng		95
33) 4-Chloroaniline	8.17	127	265971	37.604	ng		99
34) Hexachlorobutadiene	8.25	225	107555	39.450	ng		97
35) Caprolactam	8.55	113	58054	38.561	ng		95
36) 4-Chloro-3-methylphenol	8.66	107	200279	38.617	ng		98
37) 2-Methylnaphthalene	8.82	142	417970	38.923	ng		98
38) 1-Methylnaphthalene	8.92	142	390445	38.822	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	169513	37.782	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	81178	44.765 ng	98
43) 2,4,6-Trichlorophenol	9.10	196	115286	37.863 ng	96
44) 2,4,5-Trichlorophenol	9.14	196	119295	36.671 ng	97
46) 1,1'-Biphenyl	9.28	154	519752	38.136 ng	98
47) 2-Chloronaphthalene	9.30	162	404970	37.650 ng	100
48) 2-Nitroaniline	9.40	65	134778	39.066 ng	96
49) Acenaphthylene	9.72	152	614592	38.142 ng	99
50) Dimethylphthalate	9.57	163	475875	38.682 ng	100
51) 2,6-Dinitrotoluene	9.64	165	100491	40.107 ng	89
52) Acenaphthene	9.89	154	356624	37.336 ng	99
53) 3-Nitroaniline	9.81	138	120963	38.264 ng	91
54) 2,4-Dinitrophenol	9.92	184	39242	41.282 ng	99
55) Dibenzofuran	10.06	168	536052	38.037 ng	100
56) 4-Nitrophenol	9.98	139	86950	42.438 ng	96
57) 2,4-Dinitrotoluene	10.05	165	135664	41.712 ng	96
58) Fluorene	10.40	166	439130	38.682 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	93260m	37.463 ng	
60) Diethylphthalate	10.27	149	475617	39.296 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	197266	40.162 ng	98
62) 4-Nitroaniline	10.43	138	126694	38.537 ng	99
63) Azobenzene	10.55	77	468386	37.891 ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	51605	40.823 ng	84
66) n-Nitrosodiphenylamine	10.51	169	379185	38.407 ng	100
67) 4-Bromophenyl-phenylether	10.88	248	113413	38.848 ng	98
68) Hexachlorobenzene	10.96	284	121886	38.171 ng	98
69) Atrazine	11.03	200	98737	38.708 ng	99
70) Pentachlorophenol	11.15	266	53588	35.802 ng	98
71) Phenanthrene	11.36	178	614689	37.856 ng	99
72) Anthracene	11.42	178	634751	38.291 ng	98
73) Carbazole	11.57	167	590872	37.551 ng	99
74) Di-n-butylphthalate	11.89	149	754715	40.313 ng	98
75) Fluoranthene	12.54	202	626061	37.525 ng	100
77) Benzidine	12.66	184	223970	35.701 ng	98
78) Pyrene	12.77	202	625799	38.295 ng	99
80) Butylbenzylphthalate	13.38	149	314797	40.768 ng	95
81) Benzo(a)anthracene	13.96	228	497125	38.206 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	158935	37.905 ng	98
83) Chrysene	14.00	228	478885	37.735 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	423686	42.556 ng	97
85) Di-n-octyl phthalate	14.55	149	671164	42.832 ng	97
86) Indeno(1,2,3-cd)pyrene	16.86	276	306135	33.065 ng	98
88) Benzo(b)fluoranthene	15.00	252	373707	40.444 ng	98
89) Benzo(k)fluoranthene	15.03	252	353915	40.434 ng	99
90) Benzo(a)pyrene	15.36	252	319710	39.430 ng	99
91) Dibenzo(a,h)anthracene	16.87	278	252892	39.151 ng	96
92) Benzo(g,h,i)perylene	17.30	276	238900	37.115 ng	95

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

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